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W. E. ALLEN

SEED & PLANT  
GUIDE

BRATTLEBORO, VT.



# NOTICE.



**Tested Seed.** I give special attention to this branch. For several years a market gardener, and since 1870 a florist, and many years in the seed business, my experience allows practical judgment as to purity and freshness, while my greenhouses allow means of testing germinating qualities. All seeds are fairly tested before put up, and none sold unless they germinate to the highest per cent.; all unsatisfactory seed are destroyed. I sell nothing I do not believe will grow and be true to name, and give the best results under favorable circumstances. If seed prove not as represented, after allowance for soil being too wet, cold or dry, or deep planting, or mixing with a too powerful fertilizer, or there remains a doubt of bad seed, the party will be supplied with other seed, equal in value to that purchased, and I request all parties to report to me all seed not proving true or germinating well.

**Orders.** If not received in due time, I request purchasers to notify me to that effect, as often the party's address has been omitted, either state, town or name, or sometimes the whole, or misdirected.

**Seed by Mail.** All seed will be forwarded by mail at rates given, unless otherwise noted. Peas and Beans, add 15c per quart for postage; Sweet Corn, 10c per quart; Field Corn, 15c per quart. All other seed at pound rates, add 8c per pound to pay postage. No charge for packing or boxing.

**Be Particular** to always write the order plainly, and give post office, county and state. All money to amount to \$1 and upwards, if sent by post office order, registered letter, cashier's check on New York or Boston, will be at my risk, and I will guarantee the safe arrival of all packages to any part of the United States.

**Packing** is done in the very best manner in light packages, to reduce express charges. I guarantee the safe arrival of all plants, seeds and bulbs when sent by mail or express, if complaints are made at once on receipt of goods.

**Seed and Plants by Mail.** If ordered by express larger plants will be sent, the express to be paid by the purchaser. Special rates given to parties wanting plants in quantities for bedding purposes.

**Orders from unknown parties** sent C. O. D. unless accompanied with cash or good references. No charge for boxing or packing on orders of \$1 and upwards. Express orders are usually packed in light boxes or baskets to save express charges. A liberal discount to dealers.

**About Warranting Seeds.** While we exercise great care to have all Seeds, Plants and Bulbs pure and reliable, we do not give any warranty, express or implied, and in no way responsible for crops. If the purchaser does not accept the goods on these conditions they must be returned at once, and the money that has been paid for same will be refunded.

**Lower Express Rates on Plants.** Heretofore they have been carried at the regular merchandise rate, but now they will be taken at a special rate which is 20 per cent. less than merchandise rate. With this reduction express shipments are strongly urged. Purchasers, see that you get these rates.

**Discount on Flower and Vegetable Seeds in Small Packets, not by Weight or Pint and Quart Packages, only when Cash Accompanies Order.**

For \$1 you may select seeds in packets (no ounces) to amount to \$1.30.

In ounces \$1.20 for \$1.

For \$2 you may select seeds in packets (no ounces) to amount to \$2.65.

For \$5 you may select seeds in packets (no ounces) to amount to \$7.50.

For \$10 you may select seeds in packets (no ounces) to amount to \$15.

No discount on collections.

This brings seed ordered in quantity down to 3½ to 7 cents per packet in \$1 orders or over.

**Cash Discount on Seed.** All flower and vegetable seed in packets, ounces, pounds, quarts or pecks to the amount of \$5, 5 per cent. discount; \$10 to \$20, 12 per cent. discount. Not allowed on bushel or barrel rates unless by special agreement.



CUT FLOWERS AT ALL SEASONS.

Roses, Carnations, Lilies, Hyacinths, Tulips, Chrysanthemums, Lily of the Valley, Ferns, Palms, Smilax, Bouquets, Loose Flowers and Floral Designs.

Orders promptly filled at short notice.

Long Distance Telephone, 51-4.





# VEGETABLE SEEDS

To Cash Buyers or Club Orders,  
see page 2, cover.

**SEED.** For those unable to select the best and most useful varieties I have placed our leading standards in bold type.

## SOWING SEED

Regulate by the size, covering only a little deeper than the size of the seed. In hot, dry weather the soil should be rolled after covering, to retain moisture and hasten germination.

It is of importance, either in a hot-bed or in open ground, that the temperature should be right. Cabbage, onions, peas, lettuce, radish, beets, germinate freely in a temperature of 50 degrees, while tomato, pepper, corn, melons and cucumbers require a temperature about 15 degrees higher. Care on this point would save injury to the grower as well as the seedsman, who is often blamed for selling worthless seed when the fault is with the one who sows them.

The following vegetable seeds have been selected with the greatest care in regard to purity and freshness, and can be relied upon as being the best in quality. Accurate tests are given all seeds offered. Care is used to supply every article true to name and of good quality.

## PEAS

These leading standard varieties of our own growing are the best the market affords, and average the most profitable results of all varieties for the market garden or family.

**ALLEN'S EXTRA EARLY IMPROVED EXCELSIOR** leads all early prolific varieties. In testing many others, can find nothing better for general use for market. It grows about 24 inches high, producing large, well filled pods, from 5 to 8 peas in a pod; sweet and fine flavored. For market gardens this is as early, if not the earliest, and most productive large podded variety of **smooth pea** grown. Has yielded at the rate of 250 bushels of green pods per acre. Sown the last of April; usually are ready for market the first week in June; from 5 to 10 days earlier than the American Wonder or any of the wrinkled varieties. This seed is the best for market gardens. Pkt, 10c; pt, 13c; qt, 25c; 2 qts, 45c; 4 qts, 80c; pk, \$1.25; bu, \$4.50.

## New Early Wrinkled Pea

**Early Six Weeks.** This new variety was sent me from Canada, originating from careful selections, and has proved the earliest, most productive, best podded pea among the large list of early wrinkled varieties; while its flavor is among the very best. It surely stands at the head of the early wrinkled varieties in earliness, productiveness, flavor. Samples have been tested in several different states, the highest praise being given in every instance. Market gardeners who grow for trial report it to be a great bearer, and large well-filled pods for so early a variety. Pods so well filled as to appear to almost open with the pressure. It grows 12 to 15 inches high and will yield a third more than American Wonder or Gem. Pkt, 10c; pt, 15c; qt, 28c; 2 qts, 50c; 4 qts, 95c; 8 qts, \$1.75; ½ bu, \$3.35.

**Main Crop Market.** A remarkable pea for market gardeners, very popular on Long Island. Seed peas one-third larger than Champion of England or Advancer. This will produce more peas than any other variety maturing at the same time. Peas very large, of rich flavor, wrinkled. There is no pea on the list for general crop I would plant in preference to this. It grows about 2 feet high; not necessary to bush, and is two weeks earlier than Old Champion of England, producing more peas. Out of 15 varieties tested on my trial grounds none equals this for productiveness. Two weeks later than Six Weeks. Pkt, 10c; pt, 15c; qt, 25c; 2 qts, 45c; 4 qts, 80c; pk, \$1.50; bu, \$4.75.

**Ever-Bearing, or Perpetual.** A prolific, continuous-bearing pea. Vines about 3 feet, branching, and on that account require to be sown more thinly, foliage large, healthy. It commences bearing in mid-season, and produces continuously, for a long period, good-sized pods, 3 to 4 inches long, filled with 6 to 7 large wrinkled peas of splendid quality, tender, sweet, rich flavor. Pkt, 10c; pt, 15c; qt, 25c; pk, \$1.50.

The four Gardeners' Favorites for general crop. If you plant Allen's Improved Extra Early Excelsior, Early Six Weeks, Main Crop Market, and Perpetual at one planting, you will have peas four or five weeks in succession, maturing as they do about eight or ten days in succession.

## General Collection

Sow in moderately rich ground. A few days can be gained by sowing in moist sand in a box; when sprouts are an inch long sow in drills. The pea does best if sown as early as soil can be worked; the tall, late sorts will bear more freely by pinching tops back when well in bloom; repeated sowing once in two weeks will insure a regular supply. For dwarf varieties needing no stakes, sow in single rows about 2 inches deep and about 1½ feet apart; for tall varieties requiring stakes, sow in double rows about 3 to 4 feet apart, according to variety, and 3 inches deep.

Add 15 cents a quart, 8 cents a pint, if sent by mail.

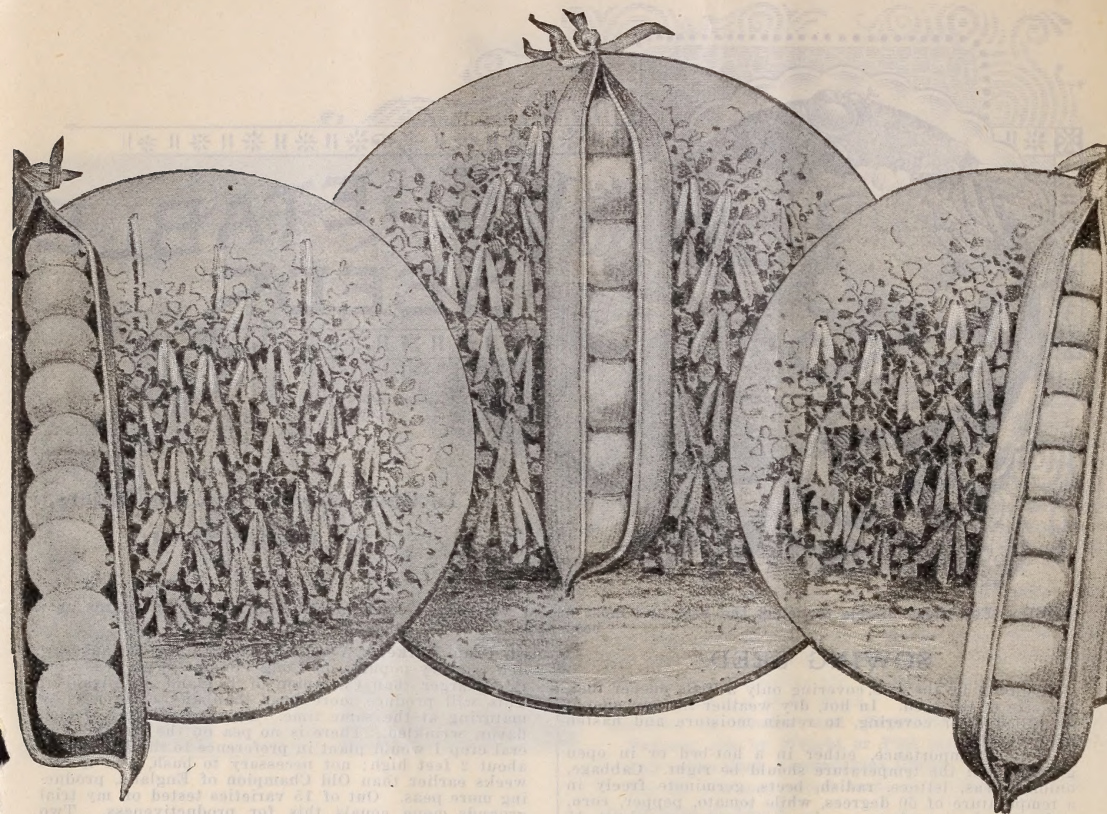
Plant 1 quart for 100 feet, 1½ bushels per acre, in drills 3 feet apart.

## Early Varieties

**Improved Gem.** More prolific than American Wonder, 3 to 5 days later, growing 5 inches taller, and equally as good flavor; 5 to 10 days later than Excelsior, for market or family. Qt, 25c; 4 qts, 90c; pk, \$1.50, 10

**American Wonder.** Early wrinkled pea, about 10 inches high, of good flavor, productive on heavy soil; on light sandy soil not productive. Qt, 25c; pk, \$2, 10





ALLEN'S EXTRA EARLY IMPROVED EXCELSIOR.

EARLY SIX WEEKS.

MAIN CROP MARKET.

**Nott's Excelsior.** An early wrinkled pea. Pt, 15c; qt, 30c; pk, \$2.  
**Alaska.** One of the first early, 2 feet high. Qt, 25c; pk, \$1.25; bu, \$4.50.  
**First and Best.** Very early productive market or family pea; 18 inches high. Qt, 25c; 4 qts, 60c; pk, \$1.00; bu, \$4.00.  
**Gradus.** Matures with Gem, not as productive. Qt, 35c.  
**Eclipse, or Surprise.** Wrinkled, very early. Qt, 25c; 4 qts, 90c.  
**Thomas Laxton.** A new, remarkably early wrinkled pea, to supersede Gradus. It resembles it some, but the pods differ in shape and are more numerous. Not alone early, but the peas are large, sweet, and have that fine flavor that is so much sought after, but very rarely found in an extra early pea. Our stock is carefully selected and should be grown in every garden. Two and one-half feet in height. ½ pt, 15c; pt, 20c; qt, 38c; 2 qts, 68c; 4 qts, \$1.35; pk, \$2.60.

### Second Early

**Hosford's Market Garden.** Wrinkled, second early; good cropper; 18 inches high. Qt, 25c; pk, \$1.50.  
**Telephone.** A second early, large podded, wrinkled variety. Qt, 25c; pk, \$1.65.  
**McLean's Advancer Improved.** An improved select strain of McLean's Advancer, recognized in New York market as superior to the ordinary variety. This follows the improved Gem in maturing for the table; wrinkled, growing 2½ feet high; a good and profitable second early variety. Qt, 25c; pk, \$1.25.  
**Abundance.** Branching, wrinkled; 3 feet. Qt, 25c.

### For General Crop

**Bliss' Everbearing.** A branching, everbearing variety to follow as a late pea. Qt, 25c; pk, \$1.50.  
**Champion of England.** An old variety and highly valued; many of the newer varieties now surpass it in yield, flavor and growth; 5 feet high. Qt, 25c; 2 qts, 35c; 4 qts, 75c; pk, \$1.00; bu, \$3.75.

**Black-Eyed Marrowfat.** Very extensively grown as a field pea, hardy and productive; 5 feet high. Qt, 20c; pk, 75c; bu, \$2.25.  
**Dwarf Sugar.** Edible pods of good quality, shelled; 3 feet high. Qt, 30c.

## BEANS

### Dwarf or Bush Beans

A succession of sowings may be made from the 1st of May until July. Plant in drills about two inches deep, and from 18 inches to 2 feet apart, or in hills 18 inches by 2 or 2½ feet.

Add 15c per quart if sent by mail.

Price of all beans in packet, except Limas, 5c. When mailed, 8c each.

### Bush Snap Varieties

**GIANT STRINGLESS, or IMPROVED VALENTINE.** Two weeks earlier than the common Red Valentine. For marketmen or family one of the best green pod, early market string beans. Pt, 15c; qt, 30c; pk, \$1.90.

**HORTICULTURAL, or CRANBERRY BUSH.** Owing to the labor in poling beans, this variety is used in place of Horticultural pole; earlier and a great producer. In great demand by marketmen. Pt, 15c; qt, 25c; pk, \$1.65.

**Early China.** Very early; string or shell; popular and productive. Qt, 25c; pk, \$1.50.

**Pea Bean.** Very productive, small, nearly round; grown for field culture. Qt, 15c; pk, 85c.

**White Marrowfat.** Extensively grown for sale in the dry state. Qt, 15c; pk, 90c.

**Boston Favorite.** Similar to Dwarf Horticultural; more productive; very popular in Boston market. One of the best varieties. Qt, 25c; 2 qts, 45c; pk, \$1.50.



## Pole or Running Beans

These succeed best in sandy loam, which should be liberally enriched. One quart 100 hills.

**Brockton Pole.** Stronger grower, more productive than Horticultural, pods large, 5 inches long, splashed carmine. Beans chocolate and purple spotted, large, a popular market variety. Pt, 15c; qt, 30c, 10



BURPEE'S BUSH LIMA BEANS.

**Old Homestead.** Ten days earlier than most other pole beans. Very productive, stringless, pods silver green. Pt, 15c; qt, 30c, 10

**Early Golden Cluster.** The leading early wax pole variety. Pt, 15c; qt, 30, 10

**Early Lima.** Earlier than large Lima. Pt, 20c; qt, 35c, 10

**Golden Carmine (New).** Large pods, mottled yellow and carmine. Pt, 15c, 10

**Imp. Pole Lima.** Large beans, more productive; early. Pt, 20c, 10

**KING OF LIMAS.** Larger and more productive than other Lima varieties. Pt, 20c; qt, 35c, 10

**Dreer's Improved Large Lima.** Produces a larger yield than Large Lima. Pt, 20c; qt, 35c, 10

**Dutch Case Knife.** A very productive variety and one of the earliest. Pt, 20c; qt, 30c, 10

**HORTICULTURAL, or CRANBERRY.** Popular for private use or market, in green state or when shelled. Pt, 15c; qt, 25c; pk, \$1.75, 1c

**Worcester Pole.** An improved Horticultural. Better grower, more productive, larger beans, early. Pt, 15c; qt, 30c, 10

**Scarlet Runner.** An ornamental plant and a useful vegetable. It grows to the height of 10 feet, producing scarlet flowers. Pt, 20c, 10

**White Runner.** Similar to the Scarlet Runner, except color of seed and flower, which are white. Resembles Lima in color and shape, but of an ivory white. One of the earliest, most productive of all pole beans. A rapid and sure climber, heavy producer, and an excellent quality for the table. Always gives satisfaction. Pt, 15c; qt, 30c, 10

**Yard Long.** Pods 2 feet long, 10

**Painted Lady.** For use or ornament, 10  
Add 15c per quart if sent by mail, or 8c per pint.

## Bush Lima Beans

**BURPEE'S BUSH LIMA.** Bush form, 15 inches high, requiring no poles; beans as large as the pole Lima; 50 or more large pods on one plant. The best among the bush Limas. One to two weeks earlier than the pole varieties, prolific, and equally as fine flavor. Much less expense in growing. Pt, 15c; qt, 30c. PKT.

**Dreer's Bush Lima.** Five days earlier than Burpee's. Larger beans than Henderson's. Plants 1½ feet high, bushy habit, producing pods in abundance. Pt, 20c; qt, 30c, 10

**Henderson's Bush Lima.** Fifteen inches high, bush form; maturing for table from the middle of July until frost; beans the size of small Limas. The earliest of the bush Limas. Pt, 20c; qt, 30c, 10

## Dwarf Wax Bush

**GOLDEN-EYED WAX BUSH.** As early as the Golden Wax, more prolific, and what is more important to marketmen, rust proof. Pt, 15c; qt, 30c; pk, \$2, 5

**Yosemite.** Pods 10 to 14 inches long, very thick; nearly all pulp; seeds small when pods are fit for use, golden color, stringless. Pt, 15c, 10

**Black Wax.** Pods waxy yellow, transparent; very tender and delicious. Qt, 30c; pk, \$1.75.



EARLY GOLDEN-EYED WAX.

**DETROIT WAX.** An improved Golden Wax. Hardy, productive, erect growing, bear their pods near the center of the vine; pods straight, flat but thick; broader than the Golden Wax; of a golden wax color, and of good quality; the least liable to rust of any. When picked along with Golden Wax and other varieties it keeps bright and crisp. One of the best green shell beans. Pt, 15c; qt, 30c; pk, \$2, 10

**Kidney Wax.** An improvement of the Golden Wax, which it excels in yield; equally as early; productive; long pods, broad and flat, of a delicate wax yellow, stringless, and very brittle. Beans kidney shape, white with reddish spots. Pt, 20c; qt, 35c, 10

## CORN

### Sweet Corn

Three leading specialties in Sweet Corn for marketmen.

For several years market gardeners who are regular purchasers of my vegetable seeds have been testing sweet corn from the long lists now so confusing to many to find out the 3 best varieties, all things considered, to realize the most profit and best please the consumer. Earliness, yield, quality, succession, crop, have been well considered, and the majority have placed the three following in the lead:



EXTRA EARLY  
COLUMBIA.

**Extra Early Columbia.** The earliest of all sweet corn, is a select stock with white cob and kernel, ears 5 to 7 inches long, cob small, kernels deep and sweet for an early variety. Compared with other leading early varieties it is the first in market. To those who seek the first and earliest in market, try it. By mail add 10c a quart for postage. Pkt, 10c; pt, 15c; qt, 25c; 2 qts, 45c; pk, \$1.

**New England Market.** Critical tests by expert judges prove this the best second early corn in market, closely following Extra Early Columbia. Its handsome ears, beautiful pearl white, perfect shaped kernels, fine flavor, productiveness, always demand a second call when once on trial. Pkt, 10c; pt, 15c; qt, 25c; 2 qts, 45c; pk, \$1.

**Main Crop Market.** If you want the sweetest, richest flavored of all sweet corn, be sure to plant this. Parties who have grown it for several years are willing to wait for this late kind, as no other variety gives such a flavor. Hotels, restaurants, boarding houses demand it as soon as it is to be had in market. It is difficult to sell other late kinds when this is known. It closely follows New England Market. Pkt, 10c; pt, 15c; qt, 25c; 2 qts, 45c; pk, \$1.

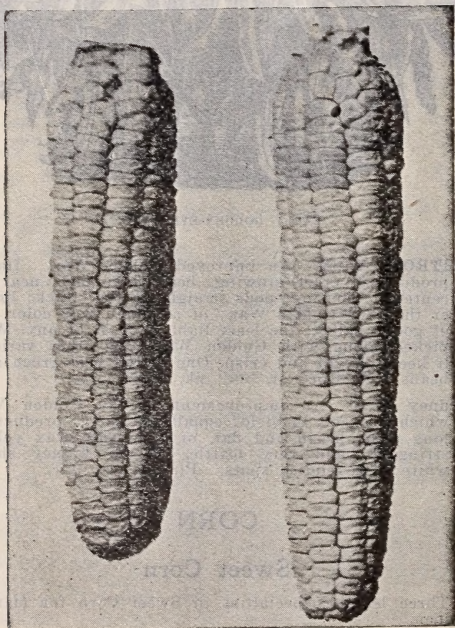
Above 3 are select strains for market use.

## GENERAL COLLECTION

### Sweet Corn

It requires 1 quart to 200 hills, 1 peck to plant an acre in hills, or 1 to 2 bushels in drills for fodder.

If by mail add 5 cents per pint or 10 cents per quart for Sweet Corn.



NEW ENGLAND MARKET.

MAIN CROP MARKET.

Early varieties may be placed in rows 3 feet by 2, or in drills  $2\frac{1}{2}$  feet apart, thinning out to 10 or 12 inches. The late varieties, rows should be 3 to  $3\frac{1}{2}$  feet apart, the hills 3 feet apart, or thinning out in drills to 12 inches apart. It is not best to plant until the ground becomes warm; here 10th to 20th of May, and follow in succession every 2 weeks till July; or a succession of early, medium, and late varieties can be planted all at the same time for a supply for the season. Owing to

cold and short seasons sweet corn will not always ripen to germinate as well as the yellow varieties. For this reason it is better to plant 2 or 3 more kernels in a hill than are wanted to grow. In some seasons it is difficult to dry sufficiently for seed before cold weather approaches, and if frosted before thoroughly dry is liable to injure germ; to be safe I would recommend always seeding one-third more than is required to grow, particularly with late varieties. Sweet corn seems more sensitive to cold weather than yellow varieties. Good seed, planted in cold, wet weather, will often fail, when, if planted later in warm, dry soil, all will germinate.

Price per packet, 5c; if by mail, 8c each.

**Extra Early White Cory.** White cob and kernel, equally as early as Cory, and much sweeter and better flavor. One of the best early varieties for family or market. Pt, 15c; qt, 25c; 4 qts, 75c; pk, \$1.00.

**Crosby's Early.** An excellent second early variety. Qt, 25c.

**Egyptian.** Ears large, ripening late. Sweet, prolific; demands a high price in market. Qt, 25c.

**Mexican Black.** Sweet and tender. Not black till fully ripe, white when in the green state; 8 rowed, of medium size; medium to ripen. Qt, 25c.

**Mammoth Sweet.** Ears weighing nearly 2 pounds each. A very sweet corn for family use. Qt, 25c.

**Potter's Excelsior.** Rich and sweet flavored for table use. Matures after Minnesota. Qt, 25c; pk, \$1.

**SHAKER'S EARLY.** To follow Cory is an excellent variety; ripening with Early Minnesota, while the ears are larger, white and very sweet. Qt, 25c; pk, \$1.

**Stowell's Evergreen.** A late variety, remaining longer in the green state than any other kind. Qt, 25c; pk, \$1.

## Ensilage and Fodder Corn

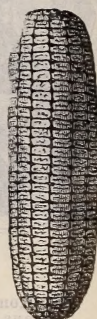
**Improved Leaming.** Stands at the head for heavy cropping; matures to a glazing stage before frost. Pk, 40c; bu, \$1.35.

**RED COB ENSILAGE.** Largely grown for silos. Makes a large growth, producing an abundance of leaves and ears. The germinating qualities of some varieties often fail. This corn is tested, and seldom fails to germinate less than 85 per cent. Qt, 15c; by mail, 30c; pk, 40c; bu, \$1.35; 5 bu lots, \$6.

**Golden Beauty.** Used for silo corn in many localities. Bu, \$1.40.

**SANFORD'S WHITE.** Matures in 90 days or less, with a good growth of fodder and prolific in ears. Pk, 40c; bu, \$1.50.

**Sweet Corn for Fodder.** Composed largely of the large growing varieties. Pk, 50c; bu, \$1.75.

RED COB  
ENSILAGE.

## Corn for Field Culture

**Early Columbia Eight Rowed.** One of the best and most prolific varieties. Ears 8 to 10 inches long; cob small; often 2 or 3 ears on a stalk. Qt, 15c; pk, 50c; bu, \$1.75.

**Holden's Early Field.** Popular among the farmers of the Connecticut valley. Pk, 50c; bu, \$1.75.

**Early Yellow Canada.** Qt, 15c; pk, 50c; bu, \$1.75.

**Rice Pop Corn.** One of the best varieties. Price per ear, 5c; 12 ears, 50c; by mail add 3c per ear, 30c per doz; qt, 25c; pk, \$1.50.

## ASPARAGUS

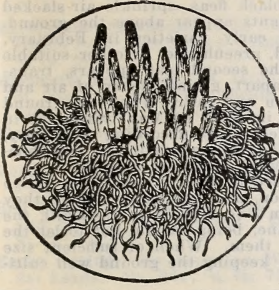
Sow as soon as the ground will admit of working in rows a foot apart; plants will be in condition to set the succeeding spring. Previous to sowing, soak seed in tepid water for 24 hours.

To transplant, make ground very rich with well rotted manure, dig or plow 15 to 24 inches deep, mixing bone and ashes, or a little phosphate; make rows 18 inches apart, and set the plants 8 to 10 inches apart in a row, covering 5 inches. Top dress in autumn with manure, or in early spring apply 1 to  $1\frac{1}{2}$  pounds salt or nitrate per square rod. Two-year-old plants are best to set, and will be of suitable size for table use the second year after transplanting; 1 ounce sows 50 feet in drills; 100 roots will set a bed 12 by 40 feet.

Add 8c per pound when sent by mail.

**CONOVER'S COLOSSAL.** A variety of large size, tender, productive, and of excellent quality. Pkt, 5; oz, 10c; lb, 50c.





**PALMETTO.** A large southern variety; stalks double the size of Colossal, but not so numerous; largely grown. Oz, 10c; lb, 50c, 5

**Columbian Mammoth White.** Immense size, white stalks. Oz, 10c; lb, 50c, 5

**Early Giant Argenteuil.** The most prolific, longer lived, more regular, much larger than Palmetto; a week earlier than any other variety; the best asparagus. Seed, pkt, 5c; oz, 15c; ¼ lb, 25c. Roots, 1-year, \$1 per 100; postage, 10c per 100 extra.

## ASPARAGUS ROOTS

**Conover's Colossal.** One-year-old roots, 75c per 100; by mail, 85c. Two-year-old roots, \$1 per 100; by mail, \$1.25; per 1,000, \$5.

**PALMETTO.** \$1 per 100. Two-year-old roots, \$5 per 1,000.

**Early Giant.** One-year-old roots, 75c per 100.

## BROCCOLI

Cultivate same as cauliflower, is more hardy and sure to head. It succeeds best in moist and rather cool atmosphere.

**Early Purple Cape.** Greenish purple. Oz, 25c, 5

## BRUSSELS SPROUTS

One of the best vegetables for winter use, producing from the axils of the rich leaves an abundance of sprouts resembling small cabbages.

**Tall French.** Oz, 10c, 5

## BEETS



Soak seed 12 hours in warm water, sow immediately in drills 15 inches apart, 1 inch deep. The best soil is a light, rich loam, well fertilized with stable manure carefully worked in. Apply 1,000 pounds high-grade fertilizer per acre, as third leaf appears top dress weekly 50 pounds nitrate soda for four weeks. Also the same application for turnips is recommended. For an early supply sow as soon as the ground can be worked in the spring, and about the middle or end of May for a general crop. Successive sowings recommended during the season till the end of June. Thin the plants to a distance of 6 inches; keep ground well stirred. Harvest before severe frost and cover in the cellar with sand or dried earth. 1 ounce will sow 50 feet; 5 lbs, 1 acre.

Add 8c per pound when sent by mail.

**Dirigo.** A new select strain of Egyptian. Oz, 10c; ¼ lb, 20c; lb, 60c.

**BASTIAN'S BLOOD TURNIP.** Early blood red; uniform, smooth, round, small top; good early or late. Oz, 10c; ¼ lb, 15c; lb, 50c, 5

**Dewing's Blood Turnip.** Blood red; fine form. Oz, 10c; ¼ lb, 15c; lb, 40c, 5

**Early Blood Turnip.** Matures just after Eclipse; dark red color. Oz, 10c; ¼ lb, 15c; lb, 50c, 5

**Eclipse.** One of the most popular varieties for market gardens; a much better table beet than the Egyptian; round and smooth, ball shape, small top. Oz, 10c; ¼ lb, 15c; lb, 50c, 5

**EDMAND'S BLOOD TURNIP.** Deep red, sweet, tender; smooth, globular shape, good market size; small top, single tap root, not quite so early as Eclipse, but for the main crop the best one for marketmen. Oz, 10c; ¼ lb, 15c; lb, 45c, 5

**Detroit Dark Red.** As early as Egyptian; small top, tender and sweet, attractive in market, one of the very best early varieties for market or family. Oz, 10c; ¼ lb, 15c; lb, 60c, 5

**Arlington Market.** A favorite in Boston market, resembling Dewing's. Oz, 10c; ¼ lb, 20c; lb, 65c, 5

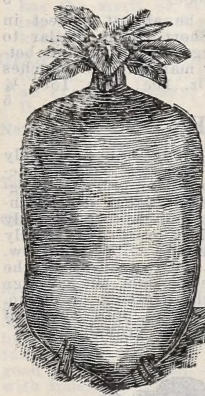
**Swiss Chard.** Make the best of greens from June to October. Oz, 10c; ¼ lb, 20c, 5

## SUGAR BEET AND MANGEL WURZEL

### For Feeding Stock

Sow from the 15th of April until June, at the rate of 5 to 6 pounds per acre. Sugar Beet and Mangel Wurzel are an indispensable root for cattle, and largely increase the flow of milk without imparting an unpleasant flavor. Pkt, 5c; oz, 10c, except when noted. Sow 5 pounds per acre.

Add 8c per pound when sent by mail.



GOLDEN TANKARD MANGEL.

**White Silesian Sugar.** For stock feeding, producing 15 to 20 tons per acre. Used extensively for the manufacture of sugar. Oz, 8c; ¼ lb, 10c; lb, 35c.

**NORBITAN'S GIANT.** The finest variety of the long Red for feeding stock. Oz, 10c; ¼ lb, 15c; lb, 30c.

**Yellow Globe.** Globular; productive; keeps better than Long Red; good for shallow soil. Oz, 8c; ¼ lb, 12c; lb, 30c.

**Yellow Ovoid.** Between the Globe and Long Red; free of roots; a heavy cropper. Oz, 8c; ¼ lb, 12c; lb, 30c.

**GOLDEN TANKARD.** Admits of close culture; the best producing variety of the intermediate class. Solid, small top, smooth and broad. Oz, 8c; ¼ lb, 15c; lb, 30c.

**Long Red Mangel Wurzel.** Roots of large size; good quality. ¼ lb, 12c; lb, 30c.

## CARROTS

Light loam is most suitable. Ground should be well enriched with fine rotted manure, 6 or 8 cords to the acre. Bone meal or phosphate will increase the yield. Sow in rows 15 inches apart, or for field culture, rows 2 feet apart. Thin plants 2 to 4 inches in the rows, according to the variety.

Plant from 1st to 15th of May. Often good crops are harvested when sown, as late as June 10. The dry weather which often prevails at that season prevents the germination, late sowings being more unsafe. In such cases it is better to increase the quantity of the seed and press the soil firmly. Seed is sometimes soaked to hasten germination. Hoe often and keep from weeds until crop is well under way. One ounce sows a row 150 feet long, and 4 pounds are required to sow an acre.

Add 8c a pound if sent by mail.

**SHORT HORN.** Standard early variety. Sweeter than Long Orange and more solid; good to color butter. Oz, 10c; 2 oz, 15c; ¼ lb, 20c; lb, 65c, 5

**Improved Long Orange.** Of a darker and richer color than Long Orange. Oz, 10c; 2 oz, 15c; ¼ lb, 20c; lb, 70c, 5

**DANVERS.** Between Long Orange and Early Horn; smooth, a rich orange color; it is considered more profitable to raise than Long Orange; 20 to 30 tons to



the acre under the best cultivation. Oz, 10c; 2 oz, 15c;  $\frac{1}{4}$  lb, 25c; lb, 75c, 5



OX HEART AND DANVERS CARROTS.

**GUERANDE or OX HEART.** Between Danvers and Short Horn, growing to the diameter of 3 to 4 inches; yields one-third more than any other variety; can be pulled by hand without digging; yields at the rate of 35 tons per acre. Oz, 10c; 2 oz, 15c;  $\frac{1}{4}$  lb, 20c; lb, 75c, 5

**Large White Belgian.** Largest of all and most productive. Good for horses; the whole can be pulled by hand. Oz, 8c;  $\frac{1}{4}$  lb, 20c; lb, 60c, 5

**Chantenay.** So well bred as to be almost perfect in form; a few days later than Short Horn, similar to Danvers, but earlier, not as large, smoother and better form; color, dark orange; for marketing in bunches or table use one of the best. Oz, 10c; 2 oz, 15c;  $\frac{1}{4}$  lb, 20c; lb, 75c, 5

## CABBAGE

Produce the best results on a strong soil, previously cultivated one year with corn or potatoes; seldom succeeding where following cabbage or turnips. The stronger the land the better they will head. Plough deep without turning up much poor subsoil, and manure liberally with well rotted manure, applying broadcast, lightly turning or working well into the soil with a harrow. If sod ground is ploughed in the fall, manured at the same time with well-rotted manure or bone, the cabbage will give excellent results. A light dressing of guano, super-phosphate, bone or ashes raked into the soil around the plant aids in increasing the growth.



LARGE EARLY WAKEFIELD.

Early varieties may be set in rows 3 feet by  $2\frac{1}{2}$ ; late varieties 3 feet each way.

To destroy green worms, dissolve 1 ounce of saltpetre in 3 gallons of water, and apply with a broom or sprink-

ler; one application is sufficient unless washed off by rains. It never colors the heads, either cauliflower or cabbage. For the small black fleas, sprinkle air-slacked lime as soon as young plants appear above the ground.

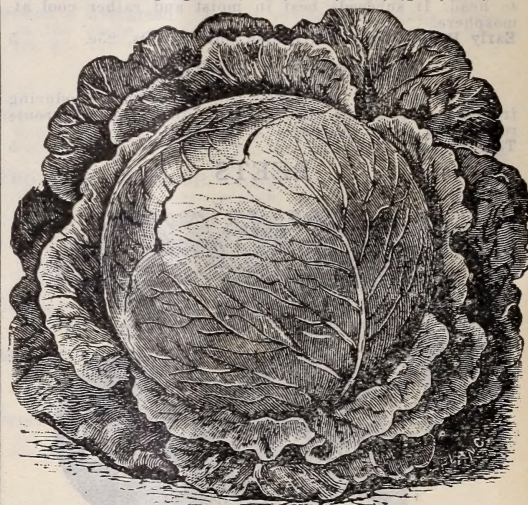
Sow the seed for the early varieties in February, March, or April in hot-bed, greenhouse, or other suitable place, in boxes. When the second leaf appears, transplant from 1 to 2 inches apart, giving plenty of air and light to avoid growing slim and tall. When the ground becomes warm and settled in April or May transplant in the field, in rows 2 to 3 feet apart according to variety, setting the plants 15 to 30 inches apart in the row, hoeing often till the leaves nearly cover the ground.

For late varieties sow seed in open ground from 1st to 25th of May in this section, and transplant where they are to grow, dropping from 3 to 5 seeds in each hill, the last of May or early in June, being careful not to let the weeds or insects overtake them. When of sufficient size thin out all but one plant, keeping the ground well cultivated.

**LARGE EARLY WAKEFIELD.** A favorite with gardeners in all parts of the country; very early, good size and quality, very reliable for heading. Seed from select stock can be relied upon as equal to any. Oz, 20c; 2 oz, 35c;  $\frac{1}{4}$  lb, 60c, 5

**Perfection Drumhead Savoy.** The best Savoy variety, large, thick, solid heads; compact and finely curved; a superior strain of the most tender and finest flavored of all cabbages. Oz, 15c; 2 oz, 25c;  $\frac{1}{4}$  lb, 50c, 5

**Early Deephead Brunswick or Allhead.** An improved Fottler's Early Drumhead, as early, thicker, deeper heads; heavier and more solid, being of more value for winter keeping. Oz, 20c; 2 oz, 30c;  $\frac{1}{4}$  lb, 50c, 5



CABBAGE, ALL SEASONS.

**Fottler's Early Drumhead.** A week to 10 days later than Winningstadt, with large, flat heads; select stock. Oz, 20c;  $\frac{1}{4}$  lb, 50c, 5

**ALL SEASONS.** Equals Summer in earliness, producing heads one-third larger. Very solid, thick, and when grown late makes an excellent winter cabbage, adapted to early fall, winter or spring marketing. Its quality is equal to any Drumhead variety. Oz, 20c; 2 oz, 30c;  $\frac{1}{4}$  lb, 50c; lb, \$1.75.

**Premium Flat Dutch.** Grown from select stock. Large, late, excellent for winter and a standard in some sections. Oz, 20c; 2 oz, 30c;  $\frac{1}{4}$  lb, 50c; lb, \$1.75, 5

**HENDERSON'S EARLY SUMMER.** Very popular, early, large, flat head, to follow Wakefield. Oz, 20c; 2 oz, 35c;  $\frac{1}{4}$  lb, 50c; lb, \$1.75, 5

**WARREN'S STONE MASON.** An improved Stone Mason. In every respect superior; very popular with marketmen. A little later than Deephead, forms a very round, solid head, keeping excellently for winter. One of the most profitable for winter use, and planted in preference to Flat Dutch. Oz, 20c; 2 oz, 30c;  $\frac{1}{4}$  lb, 50c; lb, \$1.75, 5

**Early Winningstadt.** One of the best for general use; very solid, of medium size, cone shape, maturing a few days later than the Wakefield. A remarkable cabbage for all kinds of soil. Oz, 15c; 2 oz, 25c;  $\frac{1}{4}$  lb, 50c; lb, \$1.50, 5

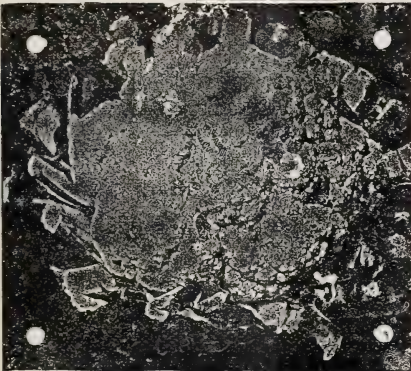
**Surehead.** A late variety, reliable for heading. Oz, 20c;  $\frac{1}{4}$  lb, 50c; lb, \$1.75, 5



- Succession.** Later than Summer, double the size, valuable either early or late. Oz, 20c;  $\frac{1}{4}$  lb, 50c; lb, \$1.75, 5
- Marblehead Mammoth.** The largest of all cabbages. Heads have been grown weighing 60 pounds. Oz, 20c;  $\frac{1}{4}$  lb, 60c, 5
- Mammoth Rock Red.** A large growing selected strain of late red cabbage. Heads will average 12 pounds each. Oz, 20c;  $\frac{1}{4}$  lb, 50c, 5
- Blood Red Berlin.** Very deep red, good size and short stump. Oz, 20c, 5
- Volga.** Matures as early as Wakefield, large, flat head. Pkt, 10c; oz, 25c.
- Red Drumhead.** Larger than Red Dutch. Very solid and reliable for heading. Oz, 20c;  $\frac{1}{4}$  lb, 50c; lb, \$1.75, 5
- Early Spring.** As early as Wakefield, a third larger. flat heads. Oz, 25c;  $\frac{1}{4}$  lb, 75c, 5
- Holland.** The best shipping, late keeping winter cabbage, heads weighing a third more than other varieties; often known as the Dutch Ball Head, and occupies a prominent place in market. Oz, 20c; 2 oz, 35c;  $\frac{1}{4}$  lb, 75c.

## CAULIFLOWER

One ounce of seed will produce about 3,000 plants. They require about the same treatment as cabbage. A good supply of manure is necessary to give a quick, healthy growth. In a dry season a liberal supply of water and liquid manure is very beneficial, applied two or three times a week. Set plants in rows  $2\frac{1}{2}$  feet apart by 2 feet in the row. In blanching, gather the leaves and tie loosely, or turn the leaves over the head and place a small stone to keep them in place.



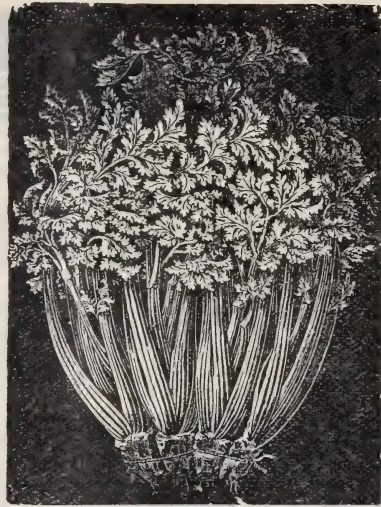
EARLY SNOWBALL.

- HENDERSON'S EARLY SNOWBALL.** Very early; dwarf, producing heads very white. Best for open ground and early forcing. Good size and very reliable for heading. Stock from best strains. Oz, \$1.50;  $\frac{1}{4}$  lb, \$6.00, 15
- Early Dwarf White Erfurt.** An excellent variety, producing heads of large size, white, compact and tender. Oz, \$1.50, 15
- Extra Early Paris.** A well known, excellent variety; very early and tender; is more inclined to give good results where other varieties fail. Oz, 60c;  $\frac{1}{4}$  lb, \$1.75, 10

## CELERY

Sow seed in hot-bed or boxes in March; when well up transplant in cold frame. In July transplant in shallow trenches or on level ground on highly manured soil, setting plants in rows 4 feet apart, and plants 6 inches apart. Or in a more mild climate, sow the seed in the open ground as soon as it is fit to work in April, and keep clear of weeds until the time of planting in June or July. About the middle of August begin the "earthing up" necessary for bleaching or whitening that which is wanted for use during the months September, October and November. Labor can be saved in bleaching in placing boards 10 or 12 inches wide on each side of the plants, its shade answering as mulching and causing a rapid growth, making the celery brittle and free from rust.

To store celery for winter, dig trenches 8 inches wide, to admit of two rows, leaving tops, after trenched, about 5 inches below the top of the ground, cover the roots only a little, then cover with boards, adding leaves and 6 inches of soil to keep out frost during the winter, or it can be stored in the cellar the same way, without cov-



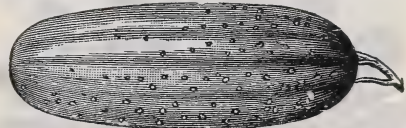
IMPROVED WHITE PLUME.

ering the tops. Celery should be stored before severe frosts injure it, as hard freezing causes decay.

- IMPROVED WHITE PLUME.** Choice strain; best early celery. The inner stalks and leaves are naturally white, and do not require earthing up like other varieties; tie stalks together and draw a little earth about the plant is sufficient. It is a fair keeper, tender, good flavored, and quite ornamental. Extensively grown for market. Oz, 20c; 2 oz, 35c;  $\frac{1}{4}$  lb, 50c; lb, \$1.75, 5
- GOLDEN SELF-BLANCHING.** Solid, crisp, brittle; it has the merit of being self-blanching, without banking up. The heart is solid and yellow. An excellent keeper; choice strain. Oz, 30c; 2 oz, 55c;  $\frac{1}{4}$  lb, \$1.
- GIANT PASCAL.** Grows 4 to 6 inches higher than Golden, of which it is a sport, with large, solid stalks; an excellent celery. Oz, 15c; 2 oz, 25c;  $\frac{1}{4}$  lb, 40c; lb, \$1.50, 5
- New Rose.** One of the best of the red varieties, very hardy. The red varieties are always crisp and fine flavored. Oz, 20c;  $\frac{1}{4}$  lb, 55c, 5
- Turnip-rooted Celery.** Large, smooth, turnip shape; grown in nearly the same manner as celery. Oz, 15c, 5
- Celery Seed.** For flavoring. Oz, 10c;  $\frac{1}{4}$  lb, 40c, 5

## CUCUMBER

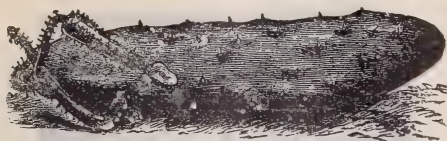
Plant in warm, rich soil, in hills 4 feet each way, or in rows 4 feet apart, plants 1 foot apart. Place 2 shovelfuls of well-rotted manure in each hill, cover with soil lightly, planting 8 to 12 seeds in each hill, covering one-half inch deep. When well advanced pull out, leaving four plants. Guano, phosphate, ashes, bone, are also good fertilizers when applied lightly in each hill. Dust with lime, plaster or slugshot to protect from insects.



PEERLESS.

- PEERLESS.** Best strain of White Spine cucumbers in cultivation; fine, perfect form, crisp; very productive. For early market or family use it is much valued. Oz, 10c; 2 oz, 15c;  $\frac{1}{4}$  lb, 25c; lb, 75c, 5
- New Cumberland.** Very prolific; for pickling. Oz, 20c; 10
- Coy's Early Cyclone.** Two to three weeks earlier than other White Spine varieties. Oz, 20c, 10
- Early White Spine.** A favorite market variety of medium size, deep green; flesh crisp and fine flavor. Oz, 10c; 2 oz, 15c;  $\frac{1}{4}$  lb, 25c; lb, 75c, 5
- BOSTON PICKLING.** Used about Boston by market gardeners for pickles more than any other variety. Oz, 10c;  $\frac{1}{4}$  lb, 25c, 5
- Early Cluster.** A much esteemed early sort, growing in clusters; extremely productive. Oz, 10c; 2 oz, 15c;  $\frac{1}{4}$  lb, 25c, 5





NICHOL'S MEDIUM GREEN.

**Long Green.** A fine, large fruit of finest quality; excellent for pickles. Oz, 15c;  $\frac{1}{4}$  lb, 50c, 5

**EMERALD (Livingston's).** One of the best strains; dark green, free from spines; early, productive crop; good forcing, for pickles; a variety for all purposes. Oz, 15c, 5

**Chicago Pickling.** Oz, 10c;  $\frac{1}{4}$  lb, 25c; lb, 75c, 5

**Japanese Climbing.** Oz, 15c, 5

**Nichol's Medium Green.** As a pickle sort, for early, forcing and slicing, there is no better variety. Very productive, medium size, always straight and smooth, full at both ends, color dark green, flesh tender. Oz, 10c;  $\frac{1}{4}$  lb, 25c; lb, 75c, 5

**LIVINGSTON'S EVERGREEN.** Hardy, prolific; crisp, excellent for slicing, very early. It possesses every quality for pickles, bearing drought; vigorous, bearing until frost. Oz, 10c;  $\frac{1}{4}$  lb, 25c, 5



LIVINGSTON'S EVERGREEN CUCUMBER.

**Green Prolific.** One of the best varieties for pickling and very prolific. Uniform in size. Resembles Boston Pickling. Oz, 10c;  $\frac{1}{4}$  lb, 25c, 5

**Snakes.** Grows 5 to 6 feet, coils up like a snake, 10

**Fordhook Pickling.** Prolific, commencing early to bear and continuing till most other varieties have ripened; thin skin, highly prized as a pickling variety. Oz, 10c;  $\frac{1}{4}$  lb, 25c, 5

Add 8c per pound if sent by mail.

## CRESS or PEPPER GRASS

A well known, pungent salad. Requires to be sown thickly and covered very slightly, at frequent intervals, to keep up a succession, as it soon runs to seed.

**Extra Curled.** Very fine; may be cut two or three times. Oz, 50c;  $\frac{1}{4}$  lb, \$1.50, 10

**Water Cress.** English. Plant along streams of water. Oz, 50c;  $\frac{1}{4}$  lb, \$1.50, 10

## DANDELION



DANDELION.

The dandelion resembles endive, and is largely cultivated for spring greens, or for blanching for salad. The roots, when dried and roasted, are often employed as a substitute for coffee. The seed should be sown in May or June in drills half an inch deep and one foot apart. The plants will be ready for the following spring use.

**Improved Broadleaf.** The seeds from this variety have been saved from selected specimen plants, producing the largest and greatest amount of leaves to the single plant, single specimens prepared for market weighing over 4 pounds each. Nothing is more wholesome for

greens than the dandelion. Thousands of tons are now sold in the markets. Oz, 40c;  $\frac{1}{4}$  lb, \$1, 10

## EGG PLANT

The seed should be sown in hot-beds in the first week in April, care being taken to protect the young plants from cold at night. If no hot-bed is at hand sufficient plants may be raised for a small garden by sowing a few seeds in common flower pots or boxes in the house.

**New York Improved.** A leading market variety; excellent and very productive. Oz, 45c;  $\frac{1}{4}$  lb, \$1.25, 10

## ENDIVE

Endive is one of the best salads for fall and winter use. Sow for an early supply about the middle of April.

**Green Curled.** Very hardy, leaves dark green, tender and crisp. Oz, 15c;  $\frac{1}{4}$  lb, 45c, 5

## GOURDS

**Dipper, Sugar, Nest Egg,** 5

## HERBS

No garden is complete without a few sweet or medicinal herbs, and pains should be taken to harvest them properly on a dry day. Dry quickly and pack closely, keeping them entirely excluded from the air. Sow in spring in shallow drills 1 foot apart. For flavoring soups, meats, etc.

Anise, Pkt, 5c; Belladonna, Pkt, 5c; Caraway, Pkt, 5c; Coriander, Pkt, 5c; Dill, Pkt, 5c; Hoarhound, Pkt, 5c; Lavender, Pkt, 5c, oz, 15c; Marjoram (Sweet), Pkt, 5c, oz, 15c; Saffron, Pkt, 5c, oz, 15c; Sage, Pkt, 5c, oz, 15c;  $\frac{1}{4}$  lb, 50c, lb, \$1.75; Thyme, Pkt, 15c, oz, 30c; Wormwood, Pkt, 5c.

## KOHL RABI

Intermediate between the cabbage and turnip. Sow in June in rows 18 inches apart, thinning out to 8 inches between the plants. Being difficult to transplant it is preferred to sow the whole crop from seed and thin out where it stands.

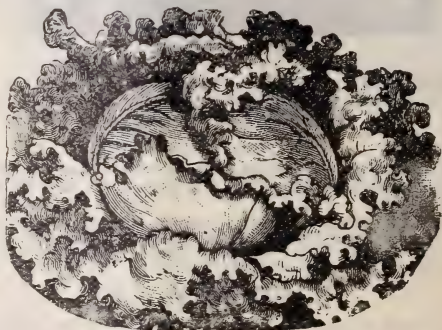
**Early White Vienna.** Flesh white and tender; the best sort; excellent for table use. Oz, 20c;  $\frac{1}{4}$  lb, 60c; lb, \$2, 5

**Large Early Purple.** Oz, 15c;  $\frac{1}{4}$  lb, 40c, 5



KOHL RABI.

## LETTUCE



EARLY CURLED SIMPSON.

For successive crops, sowing may be made in the open ground as early as spring opens until July, in boxes in the house or in cold frame, transplant in the open ground as soon as the weather becomes settled.

For forcing, sow in July or August, transplanting when second leaves appear, in cold frames; if wanted in winter or early spring, protect by a covering of straw or grass. For early spring use, sow in February in hot-bed or greenhouse.

**EARLY CURLED SIMPSON.** This variety does not head, properly speaking, but forms a compact, close mass of leaves; the earliest leading market sort, and one of the very best for family use; always crisp and tender. Oz, 10c;  $\frac{1}{4}$  lb, 30c; lb, \$1, 5

**Black Seeded Simpson.** Larger than Curled Simpson, and a good summer variety. Oz, 10c;  $\frac{1}{4}$  lb, 30c; lb, \$1, 5





HANSON.

- Grand Rapids.** For greenhouse forcing very popular. PKT.  
Oz, 15c; ¼ lb, 30c; lb, \$1, 5
- Hanson.** Heads grow to a remarkable size, and are deliciously tender and crisp; grow in compact heads like cabbage. A good outdoor market lettuce. Oz, 15c; ¼ lb, 30c; lb, \$1, 5
- Tennis Ball.** Black seed. Forms a close, hard head, with few outer leaves; a favorite forcing variety. Oz, 15c; ¼ lb, 30c; lb, \$1, 5
- Prize Head.** Large heads; reddish bronze leaves, very tender; excellent for private use. Oz, 10c, 5
- New York.** Very large, late in running to seed, solid heads, crisp. Oz, 15c; ¼ lb, 30c; lb, \$1, 5
- BOSTON MARKET.** White seeded. One of the earliest heading varieties; largely grown about Boston for market under glass and in open ground; from prime stock. Oz, 15c; ¼ lb, 40c; lb, \$1, 5
- Perpetual.** Form compact; leaves 20 inches across, remaining tender several months. Oz, 20c, 5
- Arlington Market.** The finest for hot-house forcing. Select stock. Oz, 35c; lb, \$3, 10
- Stonehead.** Crisp, slow to run to seed. Oz, 20c, 5
- Paris Co.'s.** Upright leaves. Oz, 15c, 5

## LEEK

Choose good onion soil, manure liberally, and plant in April in drills 4 to 6 inches deep, 18 inches apart, and thin to 9 inches apart. Hoe earth around the plants until the drills are filled level with the surface. Pull for use in October. To be used in soups or boiled as asparagus. 1 ounce to 1,000 plants.

**American Flag.** A fine variety. Oz, 15c; ¼ lb, 40c; lb, \$1.40, 5

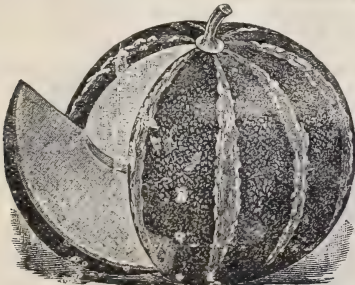
## MUSTARD

A salad sometimes used with cress. Sow thickly in rows and cut when about 2 inches high. For a crop of seed sow in April, in drills a foot apart, and thin out moderately when about 3 inches high.

**White London.** Best for salads. Oz, 10c; ¼ lb, 20c; lb, 40c, 5

## MELON, MUSK

The hills should be 5 feet apart each way. Mix well with the soil in each hill about 2 shovelfuls of thoroughly rotted manure. Plant about the 15th of May, and when well up thin out to 3 to 4 of the most promising



EMERALD GEM.

plants. A light sprinkling of phosphate, when well up, applied just before a rain, will increase their growth. Finish off the leading shoots as the growth becomes too luxuriant. Thin out when young, which will increase the size of those remaining, and cause them to ripen earlier. One ounce will plant 20 hills, 1 pound about 300 hills. Add 8c per pound if sent by mail.

**New Early Hackensack.** Deeply netted and ribbed; flesh green; fine flavor and very productive; a favorite with market gardeners. Oz, 15c; ¼ lb, 25c; lb, 80c, 5

**Rocky Ford.** An improved Netted Gem, more oblong and not so early; flesh green, melting, sweet. Largely grown as a market variety. Oz, 10c; ¼ lb, 30c; lb, \$1, 5

**Emerald Gem.** Distinct and deliciously flavored; very early and prolific. One of the best flavored melons grown, with a skin which is ribbed but smooth; thick of suffused salmon; sweet and delicious; thick meat; yields but little seed. Oz, 20c; ¼ lb, 50c, 10

**Montreal Green Nutmeg.** Popular in the northern latitudes with marketmen. Nearly round, growing large, 15 to 25 pounds each; thick flesh, fine flavor. Very attractive in market. Oz, 10c; ¼ lb, 30c, 5

**Paul Rose Musk Melon.** Medium size, nearly round, salmon flesh, almost solid to the center. A first-class melon for home or market. Oz, 10c; ¼ lb, 30c, 5

**MILLER'S CREAM.** The flesh salmon in color, sweet and melting; so thick that the melon is almost solid, the seed cavity being small. Rind thin, but little netted; the vine is a strong grower and very productive. Oz, 15c; ¼ lb, 30c, 5



MILLER'S CREAM.

**EARLY NUTMEG.** Nutmeg shape; skin deep green; finely netted; flesh greenish yellow, rich and sugary. One of the sweetest and finest melons. Oz, 10c; ¼ lb, 30c, 5

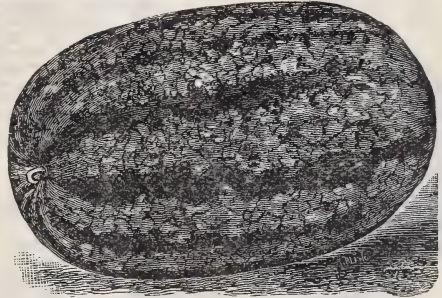
## MELON, WATER

Cultivate the same as musk melon, plant 8 feet apart. One ounce will plant 15 hills; 1 pound about 200 hills.

Add 8c per pound if sent by mail.

**Sweet Hearted.** Very sweet and solid core. Early. One of the finest. Oz, 10c; ¼ lb, 20c; lb, 60c, 5

**VICK'S EARLY.** Of medium size, oblong and smooth; highly prized for its earliness; flesh bright pink, sweet and solid. Oz, 10c; ¼ lb, 20c; lb, 50c, 5



COLE'S EARLY WATERMELON

**Paul's Best.** The earliest variety grown. Planted May 10, ready July 15. Weigh 15 pounds. Outside mottled; round; flesh red, 10

**Cole's Early Watermelon.** Being early, vigorous, and a sure cropper; sweet and delicate in texture, deep red color; the rind is thin and the quality sustained to the rind; medium size, nearly round, rind striped green with lighter shades. Oz, 10c; ¼ lb, 20c; lb, 60c, 10

**THE BOSS.** Perfect in shape, color and size; flavor unsurpassed, flesh deep scarlet, ripens early and is very productive. Oz, 10c; ¼ lb, 20c; lb, 5c, 5

**MOUNTAIN SWEET.** Large size, longish oval; dark green, red fleshed, excellent quality. Oz, 10c; ¼ lb, 20c; lb, 50c, 5

**Kolb Gem.** A favorite in the south; oval, striped, excellent shipper. Oz, 10c; ¼ lb, 20c; lb, 65c, 5

**ICE CREAM, or PEERLESS.** Form nearly round; flesh white, sweet and tender; an excellent early variety. Oz, 10c; ¼ lb, 20c; lb, 65c, 5

**Citron.** Round, of small size, used in making preserves. Oz, 10c; ¼ lb, 20c; lb, 65c, 5

My selection of 6 varieties Musk and Watermelon, 1 package each, for 25 cents (6 in all).





**Yellow Globe Danvers Onion. Field Culture.** Illustration represents them as grown in the field. Price, lb, \$1.35; 5 lb lots, \$6.00. Add 8 cents per lb, when sent by mail.

All onion growers know the best seed is none too good, and it is therefore of the utmost importance that they provide the best to realize a large crop. The greatest care is used in selecting the most perfect bulbs with small necks for seed stock, and many customers have remarked that my strain of Yellow Globe Danvers produced equal, and in some cases better, results than other seed sold for double the price.

**Potato Onions.** The earliest of all onions and the most profitable for the market gardener, being ready for market in 5 or 6 weeks from time of planting; to be tied in bunches in the green state. Six weeks in advance of top or white onion sets. Qt, 20c; pk, \$1; bu, \$3.50.

## ONIONS

Apply 8 to 12 cords of manure per acre; plow thoroughly about 5 inches deep, and work manure well into the soil. Sow 1000 pounds per acre of phosphate broadcast. Mix with soil by rake or harrow 100 to 200 pounds of nitrate per acre after onions are two inches high in June; again in July, gives much larger returns. The onion often thrives best when cultivated on the same ground for successive years. As early in the spring as the ground is in working order, level with a rake and roll it firmly; sow in drills about a quarter of an inch deep,

and one foot apart; cover and press the soil with a light roller. It requires five pounds of seed to sow an acre; 1 ounce will sow a bed  $4\frac{1}{2} \times 25$  feet in drills, 12 inches apart. It is beneficial to spread broadcast over the onions, while growing, a mixture of ashes and bone meal, 500 to 700 pounds per acre. One-third more per acre and better onions for market can be grown by sowing thickly and thinning out, leaving as close as one inch apart to maturity. Experiments have proved that firmly packed, sandy soil will yield more onions than loose, pulverized soil.



EARLY GLOBE RED DANVERS

Add 8 cents per pound when sent by mail.

**EARLY YELLOW GLOBE DANVERS.** Pkt. Grown for my trade in onion district, from selected onions. Illustration represents its form. The most profitable variety to grow, yielding from 500 to 800 bushels per acre, very early, equal to any grade grown that is sold at a much higher price. Oz, 13c; 2 oz, 25c;  $\frac{1}{4}$  lb, 40c; lb, \$1.35.

**Extra Early Pearl.** The earliest of all; pearly white, growing almost as rapidly as a radish; flat, mild flavor, a remarkable onion, good keeper. Oz, 15c;  $\frac{1}{4}$  lb, 40c.

**SPANISH KING, or PRIZE TAKER.** Has been largely tried in many states; of large size, fine shape, immense yield, growing to weigh one to three pounds each, yielding as high as 2,000 bushels per acre. Yellow skin, flesh white, mild, tender and sweet; good to bottom, free from large necks, and has produced more onions per acre than any other variety; attracts attention in market. It requires a longer season to grow than Danvers by two weeks or more. To obtain best

results sow early in February or March under glass and transplant in open ground. Oz, 15c; 2 oz, 25c;  $\frac{1}{4}$  lb, 40c; lb, \$1.50.



SPANISH KING

**AUSTRALIAN BROWN.** Pkt. Similar to Yellow Danvers but thicker, more solid, of a brownish color, extra early, sure cropper, long keeping, mild flavor. Pkt, 5c; oz, 13c;  $\frac{1}{4}$  lb, 40c; lb, \$1.50.

**Southport Yellow Globe.** A little later than Globe Danvers; nearly round, mild and pleasant, a good keeper and very productive. A favorite in New York market. Oz, 15c;  $\frac{1}{4}$  lb, 40c; lb, \$1.40.

**White or Silver Skin.** (True) White, early, delicate; the best for pickling; largely grown for sets. Oz, 15c; 2 oz, 25c;  $\frac{1}{4}$  lb, 50c; lb, \$1.50.



EARLY QUEEN

**Early Queen.** An excellent early white variety; remarkable for keeping and rapidity of its growth. Oz, 15c; 2 oz, 25c;  $\frac{1}{4}$  lb, 45c.

**EARLY RED GLOBE DANVERS.** One of the earliest and most productive red varieties. A more sure cropper than most others; earlier than Yellow Globe Danvers; always gives satisfaction. Oz, 13c;  $\frac{1}{4}$  lb, 40c; lb, \$1.50.

**Weathersfield Large Red.** Of large size. Deep red in color and an excellent keeper. Oz, 10c;  $\frac{1}{4}$  lb, 30c; lb, \$1.



## ONION SETS

The potato and top onion are grown only from bulbs. The potato onion is increased only by the bulb splitting



and dividing itself into 6 or 8 smaller bulbs, which in turn form the sets to plant for the next crop. The top onions form clusters of small bulbs on the stem, which are broken apart and planted in the same manner as the sets above referred to.

ONION SETS

Potato Onion Seed. Oz, 25c.

Top or Button Onions. Qt, 20c; pk, \$1.25.

White Sets. Qt, 20c; 4 qts, 75c; pk, \$1; bu, \$3.75.

Yellow Sets. Qt, 20c; 4 qts, 50c; pk, \$1; bu, \$3.50.

Bushel rates vary according to season. Please write for terms.

Add 10 cents per quart if sent by mail.

## ITALIAN ONIONS

**Italian Onions.** These onions are grown with equal success north, east, south and west, commanding large prices in the market, and succeed in all parts of the United States. They are of delicate flavor, sweet and quite mild, and grow rapidly from seed the first year. More money has been realized from them in many sections than the ordinary American varieties, but are not so good keepers, selling rapidly in the summer and autumn at good prices; they yield in some sections from 800 to 2,000 bushels per acre when started early and transplanted. This it pays to do.

**Giant Red Rocca.** Of large size, mild flavor, handsome shape and appearance; outer skin red, flesh white. Oz, 15c; ¼ lb, 40c; lb, \$1.50.

**Mammoth Silver King.** (White Garganus or White Victoria.) Single onions of this variety grown from seed the first season have weighed 3 pounds. Matures early; white skinned and white fleshed; shape flat; mild and delicate flavor. Oz, 15c; ¼ lb, 50c; lb, \$1.75.

## PEPPER

Grown largely for pickles. Sow in a hot bed in March or early in April, and transplant in the open ground when the weather is favorable. They should be planted in warm, mellow soil, in rows 18 inches apart. They may also be sown in the open ground when all danger of frost is past, and the soil is warm and settled.

**Spanish Monstrous.** Six inches long, 2 inches in diameter. Oz, 25c; ¼ lb, 75c.

**Red Chili.** Small cone shaped; very hot; best for pepper sauce. Oz, 25c; ¼ lb, 70c.

**Large Bell, or Bull Nose.** An early variety of mild flavor; rich, thick and fleshy, a favorite for pickling. Oz, 20c; ¼ lb, 50c.

**Long Cayenne.** Best for seasoning pickles. Oz, 25c; ¼ lb, 60c.



SWEET MOUNTAIN PEPPER

**Sweet Mountain.** More largely grown than other varieties; large size and mild; used for making stuffed pickles. Oz, 20c; ¼ lb, 50c; lb, \$1.50.

**Golden Dawn.** Yellow productive, free from fiery flavor. Oz, 25c.

**Ruby King.** Large, handsome, very mild; used sliced with salt and vinegar; 4 to 6 inches long, 3 inches across. Oz, 25c.

## PARSLEY

Parsley succeeds best in a rich, mellow soil. As the seed germinates very slowly it should be sown in spring, previously soaking for a few hours in tepid water. Sow thickly in rows a foot apart and half an inch deep. For winter use protect in a frame or light cellar.



PARSLEY, MOSS CURLED.

**Carter's Champion Moss Curled.** The best for garnishing. Oz, 10c; ¼ lb, 20c; lb, 60c.

**Double Curled.** A fine dwarf variety, beautifully curled; excellent for garnishing. Oz, 10c; ¼ lb, 20c; lb, 60c.

## PARSNIPS

Sow as early in spring as the weather will permit, in drills 15 inches apart, covering half an inch deep. Unlike carrots they are improved by frost; take up in the fall what are wanted for winter use, and leave the rest to be dug up as required in the spring.

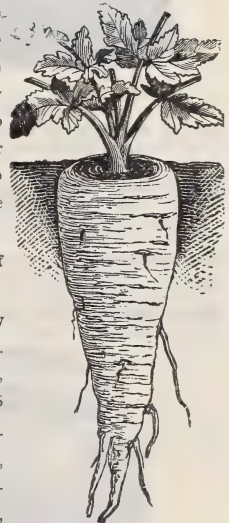
Add 8 cents per pound if mailed.

**LONG SMOOTH or Hollow**

**Crown.** Best for general use.

Oz, 10c; ¼ lb, 15c; lb, 45c.

**Half Long Guernsey.** Roots intermediate in length; white, smooth, sugary, and fine flavor. Oz, 10c; ¼ lb, 15c; lb, 50c.



LONG SMOOTH

## POTATOES

Turn pasture land or sod ground in autumn, at the same time manure broadcast with well rotted manure or ground bone, apply phosphates in drills in the spring; or if no manure is at hand, apply 800 to 1,000 pounds of phosphate broadcast in early spring, and 500 pounds per acre in hill at the time of planting. Potatoes may be planted in rows 3 feet apart, or in drills 15 to 18 inches apart, making rows 3 feet apart. Various opinions as to quantity of seed per acre, 6 to 10 bushels being the usual amount. Plant 2 to 4 eyes in a hill if in drills, or use half or a whole potato in a hill if 3 feet apart each way. Can also supply Northern Maine stock at same prices, as we handle both Vermont and Maine grown seed potatoes.

If by mail add 8c per pound to pound rates.

**Early Six Weeks.** At six weeks from time of planting potatoes are as large as hen's eggs. It grows medium large size, oblong to round, skin light pink, very smooth, shallow eyes. Lb, 15c; pk, 50c; bu, \$1.75.

**NEW QUEEN.** Has been well tried through the east and west, yielding heavy crops of handsome potatoes; large, resembles Early Hebron; smooth, oblong shape, handsome. Lb, 15c; by express, pk, 40c; bu, \$1.50; bbl, \$4.00.

**Carman, No. 3.** Medium late, great cropper, good size, fine quality. Pk, 40c; bu, \$1.50.



## Noroton's Beauty, Extra-Early Potato



The earliest potato ever grown. By far the most productive extra early, yielding as heavily as any of the medium early sorts. Handsomer in appearance, more uniform in size and shape than any other variety. Its table quality is superb and it keeps longer than any other sort, early or late. It is the best all-round potato in

existence. A lineal descendant of the famous Peach-blow, a seedling from a seedling of that variety. On trial beside other leading extra early potatoes proved 5 to 10 days earlier. One lb, 25c; 3 lbs, 60c; 1 pk, \$1.00; ½ bushel, \$1.65; 1 bushel, \$3.25. Plants of above grown in pots ready in May, 10c each; \$1 per doz.



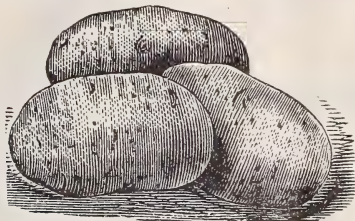
EARLY NORTHER

**EARLY NORTHER.** Seedling of the Early Rose; ripens earlier; closely resembles it in form and color, but a much better yielder. Lb, 15c; pk, 45c; bu, \$1.50.

**Irish Cobbler.** Extra early, round; white skin, good for home market. Matures in 80 days. One of the earliest standard market varieties and a large yielder for an early kind. Pk, 50c; bu, \$1.50.

**Green Mountain.** A standard field variety in all sections; oval, white skin, large yielder, fine table variety, medium late. Lb, 15c; pk, 35c; bu, \$1.50.

**Ensign Bagley.** Extra early white potato; a good keeper. Pk, 50c; bu, \$1.50.



BOUEVE

**Bovee.** One of the best extra early market varieties. Ready for use before E. Ohio. If you want one of the earliest productive potatoes you will not go wrong to plant Bovee. Color and shape similar to Queen. Pk, 45c; bu, \$1.50; bbls at \$4.00.

**Early Harvest.** Wonderfully early, large yield, superb quality and fine appearance, making it a most valuable sort for first early marketing or home use. The tubers average large, nearly white, with eyes slightly indented; shape oval, flattened. Pk, 45c; bu, \$1.50.

**Holton Early Rose.** A standard early market variety in many sections; too well known to require description. The best strain of the Early Rose stock. Lb, 15c; pk, 45c; bu, \$1.50.

**Early Fortune.** Reddish, oblong, very early, handsome, and large yielder. Pk, 50c; bu, \$1.60.

Add 8 cents per pound if sent by mail, unless noted.

## PUMPKINS

They are usually planted in fields of corn or potatoes, but may be grown in field by themselves. Plant the 10th to 15th of May in hills 8 feet apart, or in cornfields, one seed every 15 feet each way. The mammoth varieties are of little value, grown mainly as curiosity for larger size, which requires care and rich soil; but one or two pumpkins on a vine, and one vine in a hill.



SUGAR PUMPKIN

**Early Sugar Pumpkin.** The best for pies, almost equal to squash, grows to about 5 pounds; very productive. Oz, 10c; ¼ lb, 20c; lb, 60c, 5

**Large Field.** Very productive and largely grown for feeding stock. Oz, 10c; lb, 30c; by mail, 38c, 5

**Mammoth Michigan.** Grows to immense size, soft shell, and excellent for stock feeding; often weighs 100 pounds. Oz, 15c; ¼ lb, 25c; lb, 80c, 10

**Mammoth Potiron.** Showy red skin, flesh very thick; quality equal to any of the Mammoth, whose chief value is for stock feeding rather than for table use. Oz, 15c; ¼ lb, 35c, 10

**Golden Oblong.** They grow 15 to 20 inches long; yellow, fine keeper, superior quality; the most prolific of all varieties, 14 or more often on one vine. Oz, 10c; ¼ lb, 20c; lb, 75c, 5

## SPINACH

Spinach is best developed and most tender when grown in rich soil. This is extensively grown by market gardeners in large cities and towns, and is an important crop for greens. Sowings are made every two weeks from April to July for summer use, in rows 12 to 15 inches apart, the main crop being sown in August and September, wintered over and cut early in the spring. For family use give the same treatment. It requires 1 ounce for a drill 100 feet long; about 10 pounds per acre in drills.

Add 8c per pound if sent by mail.



SPINACH, THICK LEAVED

**Bloomsdale.** A curled leaf, most largely planted; good market sort. Oz, 10c; lb, 30c, 5

**LONG STANDING.** Remains a long time before running to seed; in other respects similar to Round Leaf. Oz, 8c; ¼ lb, 12c; lb, 30c, 5

**Large Round.** The main market sort; quality good for spring or fall sowing. Oz, 8c; ¼ lb, 12c; lb, 30c, 5

## SEA KALE

Cultivated for its blanched shoots, which are cooked as asparagus.

**Dwarf Green Curled.** Dwarf, 18 inches, spreading out under good cultivation to 3 feet in diameter; leaves curled, of a bright green. Very hardy, and it will remain over winter where the temperature is not below zero. Most tender after a sharp frost. Oz, 10c; ¼ lb, 25c; lb, 75c, 5

## RADISH

One of the most wholesome of all vegetables, easily digested, and said to be a cure for kidney disease; eaten at any time uncooked. Few people are aware of the





RADISH, LONG BRIGHT SCARLET

benefit of the radish to the system. No good garden should be without them. Sow for a succession crop every two weeks, in rows about 12 inches apart, from March to July, which will give a daily supply for the table. For an early supply they may be sown in green-houses or hot beds any time during the winter.

**Long Bright Scarlet.** Valuable for market on account of its extraordinary earliness, being fit for use in 25 days from sowing; remarkably bright in color, of a fiery scarlet not given to other varieties, with a white tip, crisp and very tender, very regular in shape; in size, intermediate between the long and half long. Oz, 10c; ¼ lb, 20c; lb, 65c, 5



Red Turnip Radish.

flesh firm and piquant; excellent for winter use. Oz, 10c; ¼ lb, 20c; lb, 55c, 5

**FRENCH BREAKFAST.** Of quick growth, very mild and tender, one of the best for forcing. Oz, 10c; ¼ lb, 20c; lb, 55c, 5

**Chartier.** Obtaining size before becoming unfit for the table; distinct from any other variety; crimson top with white tips. Oz, 10c; ¼ lb, 20c; lb, 60c, 5

**Improved French Breakfast.** This is an improvement in color, being of a dark crimson with a very small white tip, which makes it more attractive in market. Oz, 10c; ¼ lb, 20c; lb, 60c, 5

**California Mammoth White.** A giant white-fleshed, full radish of excellent quality. Oz, 15c, 10

Add 8c per pound when sent by mail.

## SQUASH



GOLDEN SUMMER CROOKNECK SQUASH

**Bush Summer Crookneck.** Early, productive, and of good quality; color, orange yellow. Oz, 10c; ¼ lb, 25c; lb, 75c, 5

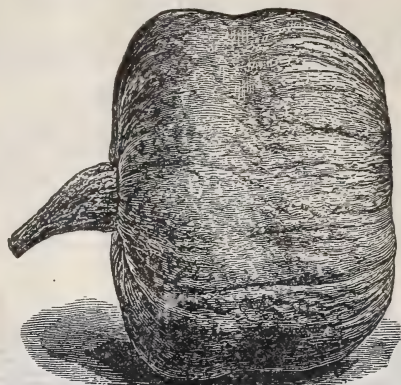
**STRICKLER SUMMER CROOKNECK.** Grows larger than the common variety, averaging 5 lbs, each; about as early and more prolific. Oz, 10c; ¼ lb, 25c; lb, 75c, 5

Light soils are best suited for their growth. Prepare hills for seed in the ordinary manner, by mixing 2 or 3 shovelful of well-rotted manure with the soil for each hill. For the bush varieties, from 3 to 4 feet each way, and for the running sorts from 6 to 8 feet. After they have attained their rough leaves thin out to three or four of the strongest plants.

Add 8 cents per pound if sent by mail.

**Winter Crookneck.** Flesh close grained, sweet and good flavored. Oz, 10c; ¼ lb, 20c; lb, 75c, 5

**Yellow Bush Scallop.** A very early variety excellent for early summer use. Oz, 10c; ¼ lb, 20c; lb, 75c, 5



ESSEX HYBRID SQUASH

**Essex Hybrid.** Rich, fine grained, sweet productive, and good keeper. Very early, it may be planted, as a second crop, after peas, potatoes, or cabbage, in June or early July; hard shell and excellent keeper. Oz, 10c; ¼ lb, 25c; lb, 80c, 5

**Boston Marrow.** Ten days later than the Bush or Crookneck sorts; a good keeper and of unsurpassed flavor. Oz, 10c; ¼ lb, 25c; lb, 80c, 5

**Bay State.** An improved type of the Essex Hybrid, more solid, heavier, earlier, dryer, and in its flavor sweeter, differing in color, being light green, and flesh of a bright golden yellow; equally as productive; averaging in weight 10 to 12 pounds. Oz, 10c; ¼ lb, 30c; lb, 90c, 5

**Warren Squash.** Similar to Essex Hybrid, thicker shell, better keeper, and the richest, best flavored variety. Superior to Essex Hybrid. Oz, 10c; ¼ lb, 30c; lb, \$1, 5

**EARLY PROLIFIC MARROW.** It is doubtful if any equal it in productiveness; 10 days earlier than ordinary Marrow. Those who have been troubled in obtaining seed that produced a large, overgrown Marrow will find in this a squash of about the right size for market, 8 to 12 pounds each. Color, orange, shaded red; its cooking and keeping qualities are good. Oz, 10c; ¼ lb, 25c; lb, 80c, 5

**HUBBARD.** A general favorite; more largely grown as a late sort than any other; of large size, flesh fine grained, dry, of excellent flavor. I offer a choice and select strain of this excellent variety. Oz, 10c; ¼ lb, 25c; lb, 90c, 5



GOLDEN HUBBARD SQUASH

**Warty Hubbard.** Grows larger than Hubbard, more warty, harder shell; very dry and fine flavor. Oz, 10c; ¼ lb, 25c; lb, 90c, 5

**Marblehead.** A good winter squash; resembling the Hubbard, and equally as good. Oz, 10c; ¼ lb, 30c; lb, \$1, 5

**Delicious.** Excellent quality, early, winter; medium size; flesh thick, cooks dry, yellow. Oz, 15c; ¼ lb, 40c, 5



- Golden Hubbard.** Every way similar to the green variety except color which is of a deep orange. **PKT.** Oz, 15c;  $\frac{1}{4}$  lb, 30c; lb, \$1, 5
- Faxon.** For earliness, long keeping and rich flavor excels all other varieties. Small cavity, few seeds, thick flesh. Oz, 10c;  $\frac{1}{4}$  lb, 25c; lb, 90c, 5
- Mammoth Chili.** The largest variety of squash growing from 100 to 200 pounds good for stock and exhibition purposes. Oz, 25c;  $\frac{1}{4}$  lb, 75c, 10

## SALSIFY. Oyster Plant

Sow early in spring in drills 15 inches apart; cover the seed an inch and a half in depth, and when the plants are strong enough thin out to three inches apart. They are ready for use in October, and are not injured by frost. When cooked resembles the oyster.

**Mammoth Sandwich Island.** Oz, 15c;  $\frac{1}{4}$  lb, 35c; lb, \$1.20.



SANDWICH ISLAND MAMMOTH SALSIFY

## TOMATO

The seed should be sown in a hot-bed or boxes in the house or greenhouse in March or April, in drills 4 to 5 inches apart, and half an inch deep. When 3 inches high transplant to another hot-bed or box 2 to 3 inches apart. About the middle of May the plant may be set in the open ground in light, sandy soil, at a distance of 3 feet apart, in hills in which a shovelful of well-rotted manure has been mixed, if not already manured. Bone or phosphate are good fertilizers, about a tablespoonful thoroughly mixed with the soil before setting the plant; if too strong will injure them. The tomato will ripen earlier and produce well if the soil is not too rich.

**Extra Early Comrade.** Early, handsome as the second early sorts, of high quality, and very productive; bright red color. Oz, 20c;  $\frac{1}{4}$  lb, 60c, 5

**ARISTOCRAT.** Resembles Dwarf Champion in habit, fruit of a bright red; solidity, productiveness, smoothness and flavor are up to the standard excellence. Plant 3 feet each way, closer than other varieties, making it very desirable for small gardens and for forcing under glass, it being compact; is preferred by many large and small growers. Oz, 25c;  $\frac{1}{4}$  lb, 80c, 5



BEAUTY TOMATO

**PONDEROSA.** Large size, medium early, dark red, irregular shape, solid, few seeds, good flavor; the largest and best flavored variety, keeping its good quality till the very last of the season. You will not be disappointed to try this as a late variety. Oz, 40c;  $\frac{1}{4}$  lb, 90c, 5

**EARLINA.** Last season's test among a score of varieties found this the best; very early, large, round, smooth, bright scarlet tomato. Almost as round as a ball, very solid, of best quality; good market size. Oz, 30c, 10

**BEAUTY.** The best variety in the list for family or for market. If you have this you have as good as the market grows. Good size, very solid, smooth, and few seeds, bearing till killed by frost. A superior strain from the earliest and smoothest selections. Oz, 20c;  $\frac{1}{4}$  lb, 50c; lb, \$1.80, 6

**FREEDOM.** Extra early; size form, color, yield, among the first; rich scarlet, free from acid. Oz, 20c, 5

**Favorite.** A large, perfect shaped, very smooth variety, dark red; ripens evenly and very early, holding its size to the end of the season; solid, few seeds. Oz, 20c;  $\frac{1}{4}$  lb, 50c; lb, \$2, 5

**Dwarf Champion.** One of the very earliest and best on the list. Grows compact, short jointed, keeping fruit well up from the ground. Of medium size, smooth, deep, dark red in color, solid, good quality. A great favorite. Oz, 25c;  $\frac{1}{4}$  lb, 60c, 5

**THE STONE.** One of Livingston's latest improved varieties, and deserves marked attention. Early, smooth, solid, deep scarlet skin; so named on account of its solidity. Oz, 20c;  $\frac{1}{4}$  lb, 60c, 15

**Golden Queen.** A yellow variety; very solid, smooth, large as ordinary tomatoes. Oz, 25c;  $\frac{1}{4}$  lb, 60c, 5

**Yellow Plum.** A beautiful variety; used principally for pickling and preserving. Oz, 25c, 10

**Strawberry or Husk.** Known as Red Cherry, valuable for preserves. Oz, 30c, 10

**Currant.** For ornament; resembling long bunches of currants, 10

For general use, plant Beauty and Stone.

## TURNIP

For fall crop sow from the middle of July to the middle of August.

One ounce will sow a drill 150 feet long; from one to one and one-half pounds per acre in drills are required, or one-half to three-fourths if sown broadcast.

Add 8 cents per pound if sent by mail.

## Early Varieties.

**Early Flat Dutch.** An excellent garden variety, resembling White Strap Leaf; for spring or fall sowing. Oz, 10c;  $\frac{1}{4}$  lb, 15c; lb, 45c, 5

**Purple Top White Globe.** An early variety globe shape; in other respects similar to the Red Top Strap Leaf. Oz, 10c;  $\frac{1}{4}$  lb, 15c; lb, 40c, 5

**Extra Early Milan.** Occupies a place among turnips that the Eclipse best does in its class, being 10 days to 2 weeks earlier than the Purple Top Strap Leaf; flesh white, good size. Oz, 10c;  $\frac{1}{4}$  lb, 20c; lb, 60c, 5

**EARLIEST RED TOP STRAP LEAF.** One of the very earliest varieties; shape between flat and round; white flesh. Oz, 10c;  $\frac{1}{4}$  lb, 15c; lb, 40c, 5

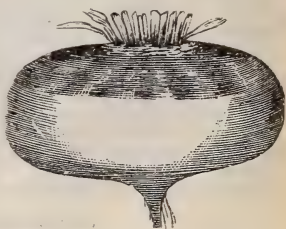
**White Milan.** Skin pure white. First introduced 3 years ago, short crop for 3 years and not offered till now. The earliest of all pure white. Oz, 10c;  $\frac{1}{4}$  lb, 20c; lb, 40c, 5

**Long White or Cow Horn.** Matures quickly, roots shaped like a carrot about half of which is formed above ground. Oz, 10c;  $\frac{1}{4}$  lb, 15c; lb, 40c, 5

**WHITE EGG.** Quick growing, round variety; often used as an early summer turnip for market; nearly round like a ball, flesh firm, fine grained, skin very smooth and thin, of a snowy whiteness; a mild, sweet table turnip, and attractive in market. Oz, 10c;  $\frac{1}{4}$  lb, 15c; lb, 40c, 5

**YELLOW GLOBE.** One of the best American varieties for a general crop. Oz, 10c;  $\frac{1}{4}$  lb, 17c; lb, 40c, 10

**YELLOW ABERDEEN.** Very hard and productive, a good keeper; globe shape; color, pale yellow with purple top. Oz, 10c;  $\frac{1}{4}$  lb, 17c; lb, 40c.



EARLIEST RED TOP



## Turnip, Ruta Baga



**SWEET GERMAN.** In good PKT.  
soil and favorable season is comparatively smooth and regular, and under opposite conditions often uneven, neck two or three inches long; greenish brown above ground, white, solid, very sweet, mild and well flavored; retains its firmness till spring; as a table variety it must be classed among the first. Oz, 10c;  $\frac{1}{4}$  lb, 15c; lb, 40c, 5

**Skirving's Purple Top.** An improved purple topped variety of strong growth; large size. By its quick vegetation it generally escapes the ravages of the fly;

suited to field culture and cattle feeding. The best of the yellow flesh Ruta Bagas. Oz, 10c;  $\frac{1}{4}$  lb, 15c; lb, 40c, 5

**Budlong.** As the Yellow Danvers is among onions, the Budlong is among turnips, always the favorite. Grows as rapidly as the Yellow Ruta Baga. Sow from 20th of June to July 10. Medium size, quick growing, fine quality, smooth roots, white, cooking in a shorter time than other Ruta Bagas. Good for winter and spring use. Oz, 10c;  $\frac{1}{4}$  lb, 15c; lb, 40c, 5

**Improved American.** This variety is largely grown in this country by many of the most prominent agriculturists, both for the table and for feeding stock; flesh solid, yellow, fine quality and keeps well until summer. Oz, 10c;  $\frac{1}{4}$  lb, 15c; lb, 40c, 5

For general use use Early Purple Top, Flat, White Egg, and Budlong.

# Flower Seed Department.



ASTER, DAYBREAK

## ASTERS

Special care is given to my collection of Asters as to form, habit, color, doubleness and free blooming. This collection will be found one of the best known. Great improvements have been made during the past three years, especially in the branching cut flower varieties.

Among the earliest to bloom are the Queen of Market, Giant Comet, Globe Flowered; of the later ones, Truffaut's, Chrysanthemum Flowered, Branching, Victoria, Rose Flowered, Semple's.

Plant in deep, light, rich soil; when specimen flowers are wanted for exhibition, remove three-fourths of all buds; liquid manure occasionally will give fine and marked results. Seeds may be sown in the hot-bed, greenhouse, or cold frame for early use, and in the open ground in favorable weather in May, to bloom in September and October. Is easily transplanted, and usually set 8 or 12 inches apart. Engravings are given of some of the more useful varieties. The aster does best when the days are bright, followed by cool nights. Half hardy annuals.

**Zollern Aster.** The plants make a thrifty, bushy habit with long stems 20 to 24 inches in height, branching, with very large blooms, 5 to 7 inches across, of the purest white and the best Comet form. For show, exhibition and cut flowers, is one of the most effective late flowering class of highly improved type.

Pure White .....Pkt, 10c  
Seven colors, mixed.....Pkt, 10c  
Rose, or Blue.....Pkt, 10c

**Extra Early Zollern Aster.** This new class flowers 5 days or more earlier than Queen of Market, of double the size, the flowers are borne on long stems, very double, bushy habit. For extra early with long stems a great advance over Early Queen of Market. Snow white, selected, pkt, 10c.

**Improved Branching.** For medium and late use as cut flowers, the branching class are among the most hardy, free blooming, of all. They produce large, double flowers on long, branching stems, 15 to 20 inches or more, 3 to 5 inches across, of about five colors, one of the best for cut flowers. Plant branching Asters once and you will always plant them.

Five Colors, mixed, pkt, 10c  
Pure White, pkt, 10c  
Purple, Rose, or Crimson, pkt, 10c

**New Upright Branching White.** Flowers are large, double, firm; stems 2 feet long, straight; medium early, a good shipper, and one of the most valuable for cut flowers. Pkt, 10c.

**New Dark Violet Branching.** Rich dark purple, flowers erect, stiff stems, strong growers, and large blooms, a decided improvement on its class. Pkt, 10c.

**White Branching Comet.** A true branching Comet Aster, flowers white, large; long stems, medium early, distinctly Comet form and good substance. For cutting, excellent. White only. Pkt, 10c.



BRANCHING ASTER, SEMPLE'S



**Sample's Branching.** The original type of branching asters, beautiful, popular, largely grown for cut flowers.

Shell pink .....	Pkt,	5c
White .....	Pkt,	5c
Purple .....	Pkt,	5c
Rose .....	Pkt,	5c
Lavender .....	Pkt,	5c
Mixed .....	Pkt,	5c



UPRIGHT WHITE BRANCHING

**Giant Comet.** Flowers large, double, early, two feet high, fine for cut flowers to follow extra early varieties.

Pure white.....	Pkt,	10c
All colors mixed.....	Pkt,	10c

**Ostrich Feather.** Plants of strong branching habit, with flowers 4 inches across, on long stems, with long wavy petals to give a comet effect; valuable for cutting, 15 to 18 inches high.

Pure white .....	Pkt,	10c
All colors mixed.....	Pkt,	5c



GIANT VICTORIA

**Victoria.** This class is one of the most perfect, full double, half round of all Asters. It grows 15 inches, fine habit. The most showy, massive bedding variety,

with three inch blooms full to the center, erect habit, flowers medium early.

Daybreak delicate pink...	Pkt,	10c
Pure white .....	Pkt,	10c
Also Shell Pink, Rose, Purple, in separate colors.....	Pkt,	10c
All colors mixed.....	Pkt,	10c

**Giant Victoria.** Plants grow two feet high, strong, branching freely into well formed pyramidal bushes, bearing 15 to 18 large flowers 4 to 6 inches across, with broad imbricated petals. For show exhibition or cutting a grand variety, this strain differs from many of the other selections.

White .....	Pkt,	10c
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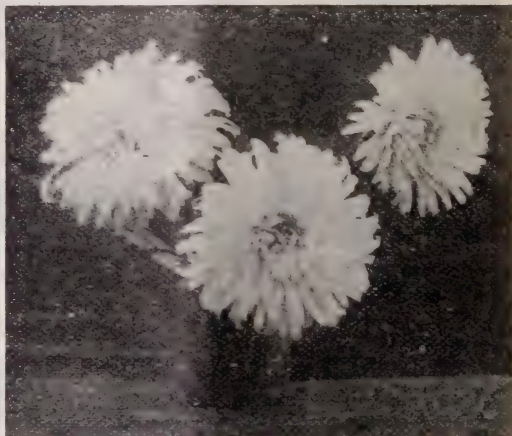
**MIXED WHITE.** In 6 standards, early and late. This mixture comprises the best varieties for general use of white only. Large pkt, 10c; 3 for 25c; 6 pkts, 50c.

**Improved Perfection.** One of the best of the older type, 18 inches high, fine form and size.

White .....	Pkt,	10c
Rose, Purple, Crimson, each color .....	Pkt,	10c
All colors mixed.....	Pkt,	5c

**Noble Aster.** A new type, similar to cactus dahlias. The petals are rolled, not grown together, imbricated to the center, double, good size, 4 inches in diameter, on long slender stems, elegant and graceful; valuable for cut flowers, of branching habit, 14 to 16 inches high.

Snow White.....	Pkt,	10c
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GIANT WHITE COMET ASTER  
ONE OF THE BEST EARLY CUT FLOWER VARIETIES

**Queen of Market.** An early flowering Aster of good size and doubleness, 12 to 14 inches high. The best of all the very early varieties for cut flowers.

White .....	Pkt,	5c
Mixed colors .....	Pkt,	5c

**Christmas Tree Aster.** Different from other forms of Asters. 15 inches high, branching regular from the bottom, the lower branches measure over 20 inches, with double imbricated flower, 2 inches across, with 75 or 100 blooms on a plant.

All colors mixed.....	Pkt,	10c
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**PREMIUM MIXTURE.** This new mixture is a selection from 6 of the best standard varieties, comprising all colors, early, medium and late kinds; the best, most showy, and useful of any collection of asters offered, either for cutting or bedding. Large pkts, 10c; 3 for 25c; 7 pkts, 50c.

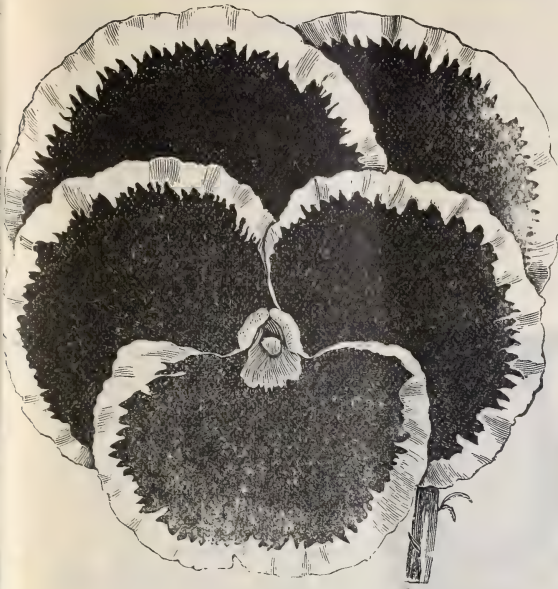
25 pkts, 25 varieties of asters, \$1; 10 pkts, 10 varieties of asters, 40c.

## PANSIES

Pansies sown in May and June bloom from October to November. If sown in July and August can be wintered over by light covering, and bloom from April to July, giving much larger flowers than spring sown. For summer flowering sow in February, March or April in house or in hot-beds. Cover lightly and press the soil firmly; water; keep moist until seedlings appear. The pansy germinates best in a temperature of from 50 to 60 degrees; when first leaves appear transplant in shallow boxes. Keep in a cool, light room, hot-bed or cold frame till the ground is warm in the spring, when they may be planted out.

The great improvement made in the pansy has ren-





PERFECTION PANSY

dered them extremely popular. For massing in flower beds their bright and lively faces, rich and beautiful colors, render them indispensable to the flower garden.

### PERFECTION PANSIES

**PERFECTION PANSIES.** This strain contains the choicest and latest introductions, in the most rare and beautiful shades and large flowers; for size, variety and rare colors surpass any mixture sold. They are yearly improved by selection from the finest colors, largest flowers and finest variety, and have been awarded many first-class prizes. Each season the new and improved varieties from France, Germany and England are added. Many of the flowers measure three inches across. It is doubtful if any other mixture contains so many choice kinds in one packet for the same price. Pkt, 15c; 4 pkts, 50c; 9 pkts, \$1; 20 pkts, \$2.

The following varieties, several of which are late introductions from noted growers.

**Pansy, Blotched, "President Carnot."** Flowers large elegant shape, each white petal has a deep violet blotch which covers the surface. Pkt, 15c.

**Pansy, Giant Five Spotted.** Perfect symmetrical flowers of enormous size. Petals firm and beautifully blotched with the richest purple crimson, bordered with white, yellow and various other shades. Pkt of 100 seeds, 15c; 2 pkts, 25c.

**Pansy, Coquette de Poisy.** Regular, compact growth, striking color, distinct from any known pansy. Color, mauve, and resembles the rose-tinted pale blue of the orchid. Pkt, 15c.

**Pansy, Cassier Hortensis Red.** These magnificent large flowers are spotted with deep blue on a delicate pink. Pkt, 15c.

**Pansy, Parisian.** Enormous flowers; substantial petals on stout stems; flowers of the largest type, the blotch more conspicuous. The various shades are unsurpassed in beauty, and supersede all others in the Parisian flower markets. Pkt, 15c; 2 pkts, 25c.

**Pansy, Eckford's Prize.** Produces novel and brilliant shapes of gold, violet, blue and white in a great variation of shades and markings, striped, blotched, flashed with red and bronze, with improved size, beauty and form. Pkt, 15c.

**Pansy, Ruffled Giant.** Very full as to appear double. Pkt, 25c.

**Giant Rosy Morn.** Purple crimson margined with white. Round; 4 inches across lower petals; blotched. Distinct new variety. Pkt, 15c.

### GIANT PANSIES

The Giant Pansies are wonderful in size, robust habit, the forms, colorings, markings are not approached by any other class.

**Pansy, New Large Flowering, Adonis.** Giant prize, new

- |   |         |
|---|---------|
| color, large flower, light blue, lower petals have a dark blotch, surrounded by a white face,   | PKT. 10 |
| <b>Pansy, Giant Fire King.</b> Plants compact, large; well-formed flowers; purple scarlet, yellow margin and yellow eye; lower petals marked with a dark purple blotch,                 | 15      |
| <b>Giant White, Black, Yellow, Purple, Beaconsfield, Striped, Aurikel, Brown, Red.</b>  |         |
| In separate colors; 8 pkts, one of each, \$1,   | 10      |
| <b>Canary Bird.</b> Giant five spotted on yellow ground,  | 10      |
| <b>Peacock.</b> Beautiful peacock blue, light margin, fine, showy,  | 10      |
| <b>Giant Snowflake.</b> New, pure white,  | 10      |
| <b>Kaiser Frederick.</b> Large purple flowers, edge yellow and scarlet,   | 10      |
| <b>Giant Yellow Gem.</b> Immense flower, pure plain yellow,   | 10      |
| <b>Large Flowering.</b> Mixed colors,   | 10      |
| <b>Odier, or Five Blotched.</b> French variety of great beauty, each petal being distinctly blotched like the geranium, some with pure white margin, others with bright golden borders, | 10      |
| <b>Best English Mixture.</b> Choice large flowering, saved from the finest sorts,   | 5       |
| <b>Best French Mixtures.</b> Large flowering, finest mixture,   | 10      |
| <b>Best Belgian.</b> Finest mixtures, with striped flowers,   | 5       |
| <b>Trimardeau.</b> An improved large flowering French strain. Choice mixtures.  | 10      |
| <b>Cassier, Odier and Bugnots.</b> Finest mixtures,   | 10      |
| <b>Giant Prize Volcano, New.</b> Ground color dark red, with large dark or black blotch, frilled petals, plants strong growth. Pkt, 25c.  |         |
| Mixture from above 20 varieties, pkt, 10c; 1-4 oz, \$1.   |         |

### ALYSSUM

Good plants for edging or rock work, blooming all summer, and are much used for bouquets on account of their delicate appearance and fragrance; good for vases, ribbon lines or edging of beds.

**Alyssum, Sweet.** White, sweet; hardy annual; ¼ oz, 10c, 5



WHITE CARPET ALYSSUM

**Alyssum, Sweet Compactum.** Compact dwarf; hardy annual; good for baskets, edgings. Flowers as large and useful as the common variety. ¼ oz, 15c, 5

**White Carpet.** Very compact, fine for border or baskets; more dwarf than Compactum, 5

### BALSAM

Like the aster, a useful annual. A favorite and a continual bloomer. Flowers often used in arranging floral designs, baskets of flowers, etc. Being yearly improved, particularly in the camellia and rose-flowered sections, one would scarcely imagine the difference from the old flower.

**Double Rose-Flowered.** One of the most useful, 5

**Improved Camellia-Flowered.** Improved double flower; mixed colors, 5

**White Camellia-Flowered,** 5

**Camellia-Flowered, Double White Perfection.** An improved variety. Double, perfect in form, pure white; desirable for florists, 5

**Camellia-Flowered, Spotted.** (German.) The choicest, all spotted with white; mixed colors, 5





SWEET PEAS

## SWEET PEAS

Best Distinct Varieties, for Free Blooming; Form, Size and Color of Flower. Selected from 100 kinds for Cut Flowers.

If by mail add 8 cents per pound.

One ounce sows a row 25 feet long.

- |  |  |        |
|--|--|--------|
| *Large White. Dorothy Eckford.             | Oz, 10c; ¼ lb, 20c;                                | PKT. 5 |
| Pink and White. Extra Early Blanche Ferry. | White, standard pink. Oz, 10c; ¼ lb, 20c; lb, 50c, | 5      |
| Blush White. Prima Donna.                  | White, blushed pink. Oz, 10c; ¼ lb, 20c; lb, 60c,  | 5      |
| *Pink Katherine Tracy.                     | Rose pink, large. Oz, 10c; ¼ lb, 20c,              | 5      |
| *Deep Pink. Royal Rose.                    | Delicate pink and blush. Oz, 10c; ¼ lb, 20c,       | 5      |
| *Scarlet. Firefly.                         | Oz, 10c; ¼ lb, 20c,                                | 5      |
| Maroon. Othello.                           | Oz, 10c; ¼ lb, 20c,                                | 5      |
| *Blue. Navy Blue.                          | Oz, 10c; ¼ lb, 20c,                                | 5      |
| Yellow. Mrs. Eckford.                      | Oz, 10c; ¼ lb, 20c,                                | 5      |

Above best ten kinds, large flowering, special mixture. Pkt, 5c; oz, 10c; lb, 60c. Postage, 8c.

Six above best distinct varieties mixed. Pkt, 5c; oz, 10c; lb, 60c.

White varieties, mixed. Pkt, 5c; oz, 10c; ¼ lb, 20c.

Pink and light pink, mixed. Pkt, 5c; oz, 10c; ¼ lb, 20c.

Dark colors, mixed. Pkt, 5c; oz, 10c; ¼ lb, 20c.

A discount of 25 cents. Purchasers can select \$1.25 for \$1 from above in packets and ounces. When ordered by mail add 8 cents per pound on ½ pound or pound lots.

- |   |        |
|---|--------|
| Miss Wilmot. Orange pink, large,  | PKT. 5 |
| Salopian. One of the best scarlet,  | 5      |
| Eckford's Choicest mixed in 25 leading varieties. Pkt, 5c; oz, 10c; ¼ lb, 20c; lb, 40c; by mail, 48c. Pkt, about 100 seeds for drill 5 feet long; ounce, 300 to 400 seeds, one row 25 feet long; ¼ lb, sows 100 feet. |        |

## General Collection

### Standard Varieties and Large Flowering.

Beautiful, fragrant, free flowering, climbing plants, continuing to bloom from July to October; should be sown as soon as the ground can be worked in the spring. Supported by common pea sticks or wire netting, they form admirable screens for protecting more tender plants. They are now one of the most popular flowers, being used in all cut flower work. If possible sow in a cool, moist soil very early in April, 2 to 3 inches deep, in a shallow trench, using seed freely, the plants to stand about one inch apart; manure liberally and apply liquid manure weekly after well in bloom, keep blooms picked to produce more freely.

The 12 varieties marked with a \* are good standard varieties. One packet each of the 12 for 50 cents, or 3 packets each (36 packets) \$1.25. Our strain of Sweet Peas equals the best grown. Add postage at pound rate when not given.

America. Striped scarlet. Oz, 10c, 5

\*APPLE BLOSSOM. White, shaded, lower petals rosy pink. Oz, 10c; ¼ lb, 20c; lb, 65c 5

Aurora. Very large, shell form; standard and wings flaked and striped with orange salmon on white, 10

\*EXTRA EARLY BLANCHE FERRY. The colors of this variety combine white and pink, similar to the well-known Painted Lady, the pink being of a deeper shade. It blooms two weeks earlier than Blanche Ferry and three to four weeks earlier than Painted Lady, is more dwarf and compact, producing larger flowers in greater profusion; four feet. Pkt, 5c; 6 pkts, 25c; oz, 10c; ¼ lb, 20c; lb, 50c; by mail, 58c.

EARLIEST OF ALL. A new selection of pink and white, a week earlier than the above, 2 feet high. Pkt, 10c; oz, 15c.

\*Firefly. Crimson, 5

\*Othello. Deep maroon. Oz, 10c, 5

Cupid. Mixed colors, 10

\*COUNTESS OF RADNOR. Pale lilac, shaded mauve; distinct. Oz, 10c, 5

Dorothy Tennant. Rosy mauve, 5

\*EMILY HENDERSON. One of the finest, large flowering; white. Oz, 10c; ¼ lb, 25c; lb, 60c, 5

Emily Eckford. Porcelain blue, 5

Gorgeous. Orange salmon. Oz, 10c, 5

\*KATHERINE TRACY. The finest and largest Sweet Pea of a pink color. Oz, 10c; ¼ oz, 20c, 5

\*LOTTIE ECKFORD. Standard large, delicate mauve, wings blue. Oz, 10c, 5

\*Maid of Honor. Improved Butterfly in form, size; color, blue on white ground, blue edge, 10

Painted Lady. Same color as Blanche Ferry; not as free to bloom, grows 2 feet taller. Oz, 10c; ¼ lb, 20c; lb, 60c, 5

Primrose. Standard and wings rosy orange; the nearest approach to yellow. Oz, 10c, 5

\*Prima Donna. Soft pink; large, fine form; frequently bears 4 flowers on a stem, 10



<b>Queen of England.</b> White, one of best. Oz, 10c,	PKT. 5
<b>*Navy Blue.</b> Best indigo violet,	5
<b>Mont Blanc.</b> Large white; two weeks earlier than Emily Henderson; good for forcing. Oz, 15c,	10
<b>*Royal Rose.</b> Rosy pink; almost self-colored, immense size,	10
<b>*SPLENDOR.</b> Dark rose, shaded crimson. Oz, 10c,	5
<b>Sensation.</b> Rose cream. Oz, 10c,	5
<b>Senator.</b> Chocolate and white,	5
<b>Dorothy Eckford.</b> Surpasses all whites, one-fourth in size, stems long, two and three blooms. White is purity itself, of good substance, free. Oz, 10c; ¼ lb, 20c,	5
<b>White Wonder.</b> A large per cent. grow with double stems, long, carry from 6 to 8 blooms, white of the largest size. Vigorous, free blooming. Oz, 10c,	5
<b>Gladys Union.</b> This has a large, bold flower with striking, wavy, upright, broad wings of a pale pink. Seventy-five per cent. are with four blooms on very long stems, which is very unusual. 25 seed, 15c.	
<b>New Bush Sweet Peas.</b> Four shades mixed,	10
Mixed. All colors. Oz, 10c; ¼ lb, 15c; lb, 30c; by mail, 38c,	5
<b>Eckford's New Hybrids.</b> Extra choice. Above mixture contains all the new large flowering sorts, except the latest novelties in best mixture. Oz, 10c; ¼ lb, 20c; lb, 40c; by mail, 48c,	5

### New Sweet Peas

**Countess Spencer.** A new race in the line of Sweet Peas with much larger flowers than the Eckford large flowering. The blooms will measure 1½ to 2 inches, with very long stems. It is considered one of the most beautiful varieties ever raised a, healthy, vigorous grower with abundance of flowers of a charming harmony of shell pink, often throwing deep rose, orange pink and other shades, often with 3 or 4 blooms on a stem. Pkt, 20c; seed, 15c.

**John Ingham.** Extra large fluted carmine rose, 2 inches across, long stems, 3 to 4 on a spray. Pkt, 20c; seed, 15c.

**Helen Lewis.** Intense orange crimson, frilled, rolled petals, very large flower, received certificate National Sweet Pea society of England. 20 seed, 15c.

### BELLIS. Double Daisy

Hardy perennial. Sow seed from February to April; set plants 6 inches apart. They will nearly cover the ground and bloom the whole summer. When sown in summer and wintered in open ground with light covering, bloom in April and continue until November. Easily forced for cut flowers in a cool or warm house. Make fine border plants.



NEW LARGE FLOWERING DOUBLE WHITE DAISY

**Finest Mixed.** From choice varieties. Saved from the most double flowers, and only a small per cent. will come single, 10

**Large-Flowering Double White.** An improved, new, large flowering white daisy that will be useful in any cut flower work, 10

**Longfellow.** Double rose color, on long stems, which render it excellent for bouquets; large size and quite true and double from seed, 10

**New Quilled.** Mixed colors; round, needle shaped, 10

**Snowball.** New white; very large and double flowers on long stems, 10

### CALLIOPSIS or COREOPSIS

The tall varieties are very effective in mixed borders, while the dwarf, from a compact habit, are well adapted for beds. Hardy annuals. Blooms from June to October.



CALLIOPSIS CORONATA

**Golden Wave.** Bushy, compact, yellow flowers, 2 inches across. Very free. 5

**Finest Large-Flowering Mixed Varieties.** Red, yellow and brown, 5

### CANNA. Indian Shot

Stately plants, remarkable for their large and handsome foliage; invaluable for groups in the flower garden, producing a tropical appearance. Sow seed in early spring and will make strong plants the second year. Half-hardy perennial.

**Canna, Finest Mixed,** 5

**Crozy's Dark Leaved Varieties,** 10

**Crozy's New Hybrid.**

Remarkable for foliage, beauty, and large flower; dwarf in habit, early blooming, 2 feet high; sow seed in February or March; will bloom in July and make excellent groups on the lawn, 10

**CASTOR OIL BEAN.** (See Ricinus.)

**CARNATION.** (See Dianthus.)



CROZY CANNA

### CANDYTUFT

One of the oldest and best known hardy annuals. It can be sown in the fall or spring with equally good results, where the plants are to bloom. It is a plant that will easily take care of itself, but is much improved by good care and high culture.

**White.** Oz, 25c; ¼ oz, 10c, 5

**White Rocket.** Large Spiral heads, 5

**White.** Sweet scented, 5

**Carrine,** 5

**Purple,** 5

**Dark Crimson Purple Dunnets,** 5

**Rose,** 5





NEW LARGE FLOWERING

Mixed Colors. Oz, 20c, 5  
 Empress. Large trusses of pure white flowers, very handsome, 10  
 New Large Flowering. Mixed colors, 10

## CALENDULA



CALENDULA PLANT

A very showy, free-flowering plant belonging to the marigold family; it produces a very pretty effect in mixed borders, and grows freely in almost any soil; flowers 2 inches across; hardy annuals. Easily transplanted; flowers very double.

New Large - Flowering Double. Yellow; very handsome, 5  
 Officialis. (Garden marigold.) Deep orange; 5  
 1 foot, 5  
 La Praust. Nankeen edged with brown; 5  
 Meteor. Light golden yellow, striped with orange, blooms from May until late in autumn when sown early and transplanted, 5  
 Very double, 5

Prince of Orange. Similar to Meteor, but darker, 5  
 Hybrida. Double, all varieties mixed. ¼ oz, 20c, 5

## CARNATION or Dianthus Caryophyllis

This class represents the Flakes, Bizarres, fancy and self colored, Picotee and Perpetual Flowering.

Few equal them in form, color, exquisite fragrance and freeness of bloom. This seed has been saved from superior collections and best results should be obtained. Seed can be sown in the open ground or under glass in the spring. Plants will flower the second year, and those which prove single or inferior can be pulled out. Young plants, being hardy, will live through the winter. During the second or third year it is best to sow seed or increase by layers, in order to keep a succession of flowers. Give them a rich soil. Some varieties sown in early spring in the house or open ground bloom the first year.

Giant Marguerite. Very fine large flowers, in splendid mixture, 10

\*Marguerite. One of the most valuable carnations. Sown in February or March will commence to bloom in June, and continue until late frosts; or sown in open ground in April or May will bloom in July, continuing until cold weather. The seedlings will produce three-fourths or more of double flowers, in a great

variety of colors, sweet scented. Any lover of this beautiful flower, now so extensively in demand, cannot afford to be without it. Hardy in open ground in winter, blooming the second year. Pkt, 10c; 3 pkts, 25c.

Carnation. For borders, from double, open ground seed. Mixed in choice variety of colors, 10

\*Perpetual Flowering or Tree. Saved from the celebrated collection of Alegatierre. Mixed colors saved from pot grown plants, 25



NEW CARNATION, MARGUERITE

Picotee. Having white or yellow ground, spotted at the edges with scarlet, red, purple or other colors. Seed saved from 25 named varieties. Mixed, 20

Bizarre, Flakes or Selfs. Variegated in irregular spots and stripes, not less than three colors. Flakes are striped, two colors only: saved from pot-grown plants in great variety. Mixed, 25

Earliest French. New hardy class, with great perfection and earliness, 25

New Guillaud Pinks. Resemble and possess the profuse early flowering qualities of the annual Dianthus, blooming profusely in summer and autumn from spring sown seed. Flowers large and fragrant; some flowers clear yellow, others yellow striped; the only strain of pinks blooming the first season containing yellow flowers. About 90 per cent. come double. Finest mixtures, 15

\*Scoticus. Double, Florist or Scotch, saved from the best varieties of show selected choice double, 25  
 Pinks, also see Dianthus.

## CELOSIA. Coxcomb

Showy plants producing in profusion spikes of feathery-looking flowers in summer and autumn. Sow seed early and transplant in the open ground in May. Half-hardy annual.

Japonica. The branches are scarlet crimson, often in pyramidal masses, while the colors are very bright, 5

Christata Nana. The finest dwarf varieties mixed; carmine, yellow, crimson and variegated; 1 foot, 5

Glasco Prize. Improved dwarf, with dark leaves and crimson combs; distinct, and among the finest, 5



'GLASCO PRIZE



## CONVOLVULUS



CONVOLVULUS

PKT.  
The climbing varieties, C Major or Morning Glory, produce a fine effect when grown on rock, stumps of trees or banks, and when trained over trellises, rustic work or rough fences. The beauty and delicacy of their colors are unsurpassed. C Minor and its varieties are adapted for beds and mixed borders; half-hardy annual. Major, Morning Glory. Fine mixed varieties, 12 sorts mixed. Oz, 20c, 5 White. Striped violet, 5 White, Rose, Red or Violet, 5 Minor Tricolor. Dwarf; violet, purple and white; 1 foot, 5

Imperial Japanese. Large showy flowers, in all shades and markings, frilled edges and velvety hues, 10

## CANTERBURY BELLS

## Campanula Media

Produce large, nodding and charming flowers of many shades; 2½ feet; hardy biennial.

Canterbury Bells, Single Mixed. Rose, blue, white and lilac, 5

Canterbury Bells, Double Mixed. Rose, blue, white and lilac, 5

## CAMPANULA. Bell Flower

Beautiful plants for borders or groups, with bell and saucer-shaped flowers in profusion; one of the most useful hardy plants. Sow seed in open ground from April to September, and will bloom most of the summer the following year. Flowers are graceful and well adapted for vases; in delicate shades.

## Hardy Perennial Varieties

Campanula Compacta. Grows nine inches high; blue and white flowers. PKT. 5

Campanula Pyramidalis. The Pyramid Bell Flower. Blue and white mixed; a splendid variety. 5

Campanula Persicifolia Alba. Flowers white, bell shaped on long, close spikes, 2 feet high; exceedingly free flowering; fine for cut flowers, blooming from June to October.

Grandiflora Alba. New, large-flowering, white, 10

## CANARY BIRD FLOWER

## Tropaeolum Perigrinum

An ornamental climber, with bright fringed yellow flowers, and neat, finely divided foliage; half hardy annual of rapid growth, and flowers freely. Yellow, 10 feet, 5

## COSMOS

Covered in the autumn with large flowers resembling single dahlias. A group in bloom is an attractive sight. Colors range through the shades of rose, purple, flesh and white; growing 4 feet high.

Large Flowering Mixed, 5

Bibinata Alba. Large flowering white, 10

Early Flowering Mixed Colors. Blooms in August from seed sown in open ground in May, 10



GROUP OF DOUBLE DIANTHUS PINKS

## CINERARIA HYBRIDA

For winter and spring blooming for the house or conservatory make brilliant displays. Their brightness of color and freeness to bloom render them among our best winter and spring blooming plants. Colors range from white, crimson, purple, blue, rose and carmine, plain with large white centers.

PKT.  
Hybrida Grandiflora. Large flowers, prize varieties, in finest mixtures. This strain is unsurpassed, 20  
Maritima. (White-foliage varieties.) Ornamental foliage plant, known as "Dusty Miller," 5

## DIANTHUS

Under this head are represented the whole class of Dianthus, Carnation and Sweet Williams. They are among the most brilliant of summer flowering, hardy biennials, growing 12 to 15 inches high, while some of the dwarf kinds make low, compact plants. Their rich colors and variety of markings are represented in but few other flowers. When sown early will bloom the first year, but more freely the second year. Seed may be sown early under glass and transplanted, or sown where they are to bloom. The ease of culture, wins them a



place in any flower garden; they are perfectly hardy, blooming but two summers, from July to October.

In making up your collection of seeds do not omit the Dianthus.

- Dianthus Chinensis.** (Double Chinese.) Pink, various shades and colors with brilliant markings; excellent strain; double varieties mixed.  $\frac{1}{4}$  oz, 15c. 5
- Imperialis.** (Double Imperial Pink.) Mixed colors, 5
- Heddewigii.** Large single flowers, 3 inches in diameter; rich colors, often finely marked. Choicest mixed,  $\frac{1}{4}$ , 5
- Heddewigii Fl. \*Pl.** Usually quite double, mix colors, 5
- Plumarius.** (Pheasant's Eye Pink.) Single fringed, 5
- Plumarius.** Double and semi-double, mixed, 15
- Plumarius. \*Fimbriata;** double white; valuable for cut flowers; hardy, 20
- Heddewigii Diadematus Fl. Pl.** (Diadem pink.) Brilliant markings and dazzling colors, 10
- Mosschatus.** (Double Garden or Moss Pink.) From choice double varieties, 10
- Hybridus Fl. Pl.** Large flowering, double; in splendid mixtures, 5
- Florist Pink.** Hardy, double and single, all colors, 10

## DAISY DOUBLE

(See Bellis Perennis.)



COBAEA SCANDENS

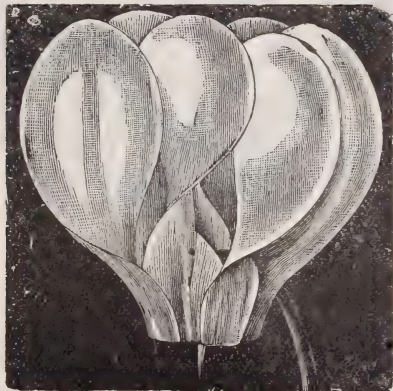
## COBAEA

A rapid-growing climbing plant with large, handsome, bell-shaped flowers. Sow early in March or April and plant out about June first. In sowing plant the seed edgewise and cover lightly; half-hardy perennial.

**Cobaea Scandens.** Purple; 15 to 20 feet, 5

## CYCLAMEN

Bulbous plants, beautiful and highly valued for greenhouse and dwelling, blooming from January to May in profusion; flowers used in bouquets, wreaths and baskets. Sow seed in July or August, or in the greenhouse from February to April in a warm place; blooms the following year; tender greenhouse bulbs. (See cut). My strain is equal to the finest European varieties.



GIANT CYCLAMEN

- Persicum.** Finest mixed, 20
- Giganteum.** Mixed, of unsurpassed quality; very large flowers of various colors. Very choice strain, 50 seeds, 25

## DAHLIA

A splendid autumn flowering plant, seed saved from the finest named sorts. Half-hardy perennials.

- Extra Fine.** Double, from prize, large flowers, 15
- Single.** Finest single mixed, from a choice collection of named sorts. These flower in profusion, in large variety of colors. Splendid for cut flowers. Sow seed in the spring and will bloom from August to October. 10
- Cactus Dahlia.** Double, fine mixed, 15



DAHLIA

## ESCHSCHOLITZIA

### California

### Poppies

- Very profuse flowering plants of extremely rich colors. Sown in open ground in April or May bloom till frost. Annuals. One foot high.
- Fine Mixed.** Single, yellow, carmine, white, rose, 5
- Single,** large flowers, carmine, 5
- Orange and white,** double, mixed, 5



ESCHSCHOLTZIA

## HELIANTHUS. Sunflower.

Very handsome varieties of sunflower, remarkable for their stately growth and the brilliancy and size of their flowers; growing in pyramidal form to a height of 8 to 10 feet; hardy annuals.

- Californicus.** Large and double; 5 feet, 5
- Globosus.** Double flowers, large, globe formed, of bright saffron color; 6 feet, 5



SUNFLOWER

- Macrophyllus Giganteus.** A large growing variety of pyramidal form.
- Sulphur Gem.** Four to five feet high; branching low; medium size flowers; light yellow color, blooming from July to frost, 5
- Common Sunflower.** Oz, 15c, 5
- Mammoth Russian.** Very large, capital for egg producing food for poultry, keeping them healthy and in fine



condition to increase the supply of eggs, and the leaves are good fodder for cows. Oz, 10c; ¼ lb, 15c; lb, 30c. **Globe Multiflora.** Large, very double, fringed. The finest of all double sunflowers, PKT. 10

## MARIGOLD



MARIGOLD.

Their rich and varied colors produce a splendid effect in almost any situation. The African is the tallest and most striking in large beds, while the French varieties are admirably adapted for small beds; half-hardy annual.

**African Quilled.** Lemon color, 2 feet. Mixed colors, 5  
**French Dwarf.** They form low, compact bushes, with masses of red and yellow double flowers, 5  
**New Dwarf Large Flowering French.** Double, very fine, 10  
**French Tall.** Mixed double, 5  
**Gold Striped French.** New Dwarf variety, 5  
**Prince of Orange.** (See Calendula.) 5  
**Eldorado.** Large double flowers, 10

## HOLLYHOCK

The increasing popularity of hardy roots and bulbs brings the Hollyhock among the most easily cultivated, showy and attractive roots, ranging in great variety of colors, making them exceedingly attractive and valuable for grouping on the lawn or flower garden. Seeds can be sown from June to September for flowering plants the next year, or in February or March in the house to bloom the first year. They will last for several years if not allowed to bloom too freely, which can be done by removing the flower buds. When the plants are so easily grown from seed seldom any care to preserve the roots is given. The young plants can be protected in winter with straw or dry litter.



HOLLYHOCK

**New Semi-double Alleghany.** A valuable new variety; perpetual bloomer, 10  
**Double Hybrid Everblooming.** Seed sown in March or April commences to bloom in August and continues to bloom till frost. All colors mixed, 25

## Finest Double German

Yellow. 10c. Rosa. 10c.  
 Red. 10c. Salmon. 10c.  
 Scarlet. 10c. Carmine. 10c.  
 White. 10c. Maroon. 10c.

One packet each of any 6 varieties, 50c.  
 Choice Mixed from the above collection, 5  
 Extra Choice from choicest collection, mixed colors, 10  
 Plants from above in separate colors, 15c; \$1.50 per doz., or mixed colors, \$1 per doz. Large plants from 4-inch pots \$1.50 per doz.

## MIGNONETTE

A well-known favorite, esteemed for its fragrance; hardy annual.

**Reseda Odorata Grandiflora.** Large-flowered variety; fragrant. Oz, 15c, PKT. 5  
**Parson's White.** Flowers nearly white, 5



MIGNONETTE

**Spiral.** A distinct variety, producing spikes 8 to 10 inches long; very fragrant, strong grower, 5  
**Giant Machet.** Good for pot culture; compact and fine. One of the best for general purposes. ¼ oz, 20c, 5  
**Large White Upright.** Flowers white, in erect spikes one foot high; free, lasting till frost, 10  
**Bird's Mammoth.** The largest variety, spikes average 12 inches long when well grown; very fragrant, 10

## DOUBLE CARNATION POPPIES

An interesting class of hardy annuals, recently become much admired for bedding, making showy and attractive flowers. Recently new forms and colors have been introduced, which surpass any of the older varieties. Sow in the spring where they are to remain, thinning out to six inches or more if too thick.

**Double Carnation Flowered.** Annuals. Beautiful class; flowers round, very double; with finely fringed petals remaining a long time on the plants; a handsome sight is a field of these poppies.



SHIRLEY POPPY

**Brilliant Scarlet.** Rose vermillion, double, 5  
**New Mikado.** Crimson and white striped, double, 5  
**Snowdrift Album Lac Fl. Pl.** Grows 18 inches high, bears flowers like round balls; white as snow; deeply fringed, 5  
**Scarlet and Yellow.** White, crimson, 5  
**Mixed.** Choice, double, 5



**Shirley Poppies.** Produce abundance of flowers. Colors showy, and include almost every shade from pale rose to the most dazzling scarlet, blotched and variegated in many styles. In choicest mixtures, half double, 5

### Double Annual Varieties

**Double Japanese Pompon.** Mixed, 5  
**French or Ranunculus-flowered.** Mixed, 5  
**Paeony-flowered.** Mixed, double, 5

### Single Annual Varieties

**Danebrog.** Large, bright scarlet, with a white cross in the center, glaucum, two feet, 5  
**Tulip Poppy.** Scarlet, very free, blooming 4 to 6 weeks; can be sown in spring or autumn; semi-double, 5  
**English Scarlet.** The common field poppy of Britain; dazzling scarlet, ¼ oz, 5  
**Peacock Poppy.** Scarlet and cherry, with a black ring near the center, 5  
**Single Mixed,** 5

### Hardy Varieties

For permanent beds these brilliant, hardy poppies stand unrivaled; the flowers average from 3 to 5 inches across the single varieties.

**Poppy Bracteatum.** Orange scarlet; single, 10  
**Hybrid Orientale Poppies.** Throw up numerous flower stalks during summer, bearing enormous flowers, 4 to 6 inches across. These hybrids include new colors in bluish pink, blotched purple; deep blood red, blotched black; glowing scarlet, pure reddish orange, soft salmon, etc., 10  
**Iceland Poppies.** Flower from June to October; satiny-like, attractive, unsurpassed for cutting, lasting several days in water; flower the first season from seed: yellow, white, scarlet, crimson, mixed; hardy, 10

### NASTURTIIUM, DWARF

One of the most useful of tender annuals, for massing in groups or for vases, baskets, urns; growing and blooming freely the whole summer. The flowers are rich in color, attractive, and bloom freely, standing the heat and drought with but little affect. The tall varieties are adapted for trellis, rock and rustic work.



NASTURTIIUM

**Aurora.** Pink, or terracotta, 5  
**Beauty.** Yellow, red striped, 5  
**Bronze Color,** 5  
**Cloth of Gold.** Yellow foliage, scarlet flowers, 5  
**Crystal Palace Gem.** Yellow, spotted maroon, 5  
**Crimson.** Oz, 20c, 5  
**Empress of India.** Dark leaved; crimson flowers, 5

**Golden King.** Yellow, PKT. 5  
**King of Tom Thumb.** Flowers scarlet, foliage dark, 5  
 Oz, 20c, 5  
**King Theodore.** Foliage and flowers very dark, 5  
**Prince Henry.** Light yellow, marbled scarlet, 5  
**Ruby King.** Red with dark foliage, 5  
**Rose Color.** Oz, 20c, 5  
**Scarlet.** Oz, 15c, 5  
**Spotted.** One foot; yellow, dark spots. Oz, 20c, 5  
**White.** 5  
**Yellow.** Oz, 20c, 5  
 All colors, in choicest mixed. Oz, 15c; ¼ lb, 25c; lb, 60c, 5

**Giant Flowering.** Choicest new varieties, mixed, 10  
 A collection of 6 varieties, one packet of each, 25 cents, purchaser's choice from above, or 12 varieties, 50 cents.

The tall or climbing varieties are used for screens or trellis work 6 to 8 feet high; bloom more full than dwarf.

**Tall Spotted.** 10 feet. Oz, 15c, 5  
**Tall Scarlet Striped.** Oz, 20c, 5  
**Tall Yellow.** Oz, 15c, 5  
**Tall Crimson.** Oz, 15c, 5  
**Tall Dark Crimson.** Oz, 15c, 5  
**Tall Chocolate.** Oz, 20c, 5  
**Tall Maroon.** Oz, 20c, 5  
**Tall Pearl.** Oz, 20c, 5  
**Tall Prince Henry.** Light yellow, marbled scarlet, 5  
**Tall Vesuvius.** Salmon rose, dark leaved, 5  
**King Theodore.** Very dark. Oz, 20c, 5  
**Rose Color,** 5  
**Dunnett's Orange.** Oz, 20c, 5  
**Above Mixed.** Oz, 10c; ¼ lb, 20c; lb, 50c; by mail, 58c, 5  
**Giant Flowering.** In best mixture, 10  
**Mdm. Gunter Hybrid.** This class embraces a wide range of colors and increase in freedom of bloom, 10  
**Lobb's Compactum.** Small leaves and small flowers, 10  
**Lobb's Nasturtium.** Smaller leaves than common variety, but more free flowering; adapted to trellis work, arbors, vases. Good for winter conservatory use.  
**Scarlet, Orange, Black, Striped,** in mixtures. Oz, 20c, 5

### PRIMULA

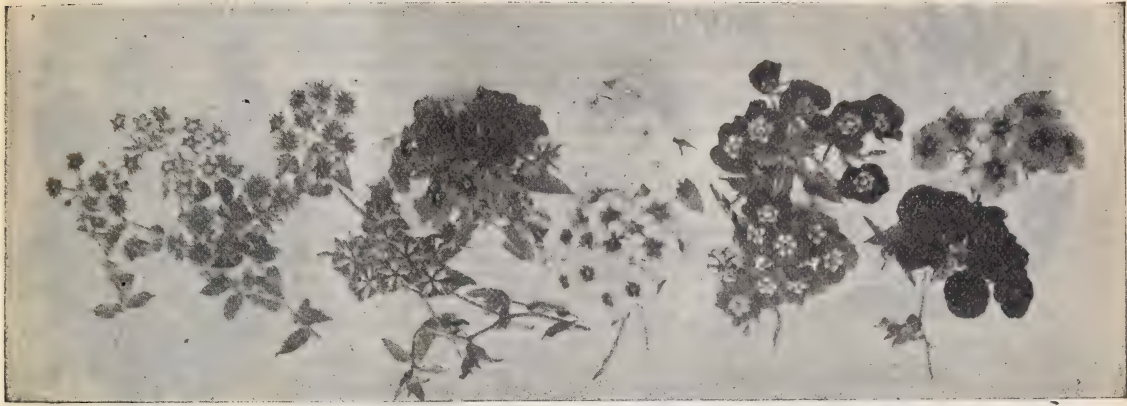
For winter the Primrose ranks first as a continual bloomer, requiring the least care and sun, and is most free from insects of any plant we have in cultivation, producing its flowers in the greatest profusion. The seed is saved by one of the largest European growers, who is noted for his superior strain of fringed Primulas; many are so deeply fringed with overlapping petals as to appear almost double. Sow seed in March or April, and you will have fine plants for winter blooming.



CHINESE PRIMULA PLANT  
(PRIMROSE)

**Finest Single Fringed.** Red and rose, 25  
**Finest Single Fringed.** White, 25  
**Globosa.** Plant dwarf, compact; flowers fringed, rose, white, crimson and striped mixed, 25  
**Primula Obconica.** A profuse blooming Primrose, bearing on long stems heads containing 10 to 15 flowers. It thrives in a cool house, and will grow in favor with those desiring plants that will grow easily. The flowers are white and have the true Primrose fragrance. A lovely flower; in bloom continuously, 10  
**Primula Obconica Grandiflora.** Large flower of above, equal in other respects; mixed colors, 15  
**Primula Obconica Grandiflora Fringed.** Hybrid. A new large flowering, splendid mixture, 15





STAR AND GRANDIFLORA PHLOX DRUMMONDII

## PHLOX DRUMMONDII

The Phlox Drummondii is one of the most useful annuals cultivated. For massing in groups or arranging in ribbon beds there are no flowers obtained with so little care and expense that give such an abundance of rich flowers from July to November, being the most desirable of the whole class of annuals, the colors ranging as given below. The seed sown in cold-frame, hot-bed, dwelling house or in seed box, gives them an early start, ready to be planted in the open ground in May. They will soon show bloom and continue until killed by hard frosts. They can be sown in open ground, but it is safer to start in boxes; the seed generally comes better and more plants will be obtained. Set the plants 8 to 12 inches apart. For ribbon lines, white, scarlet, rose, blue and purple should be set to give a good contrast in color.

**PHLOX DRUMMONDII GRANDIFLORA.** (Large flowering.) An improved form and size of flower of the Phlox Drummondii; nearly equal in size of flower to the old hardy, garden phlox, while its growth is but 10 inches high; blooming as freely as the old varieties of Drummondii. Richest variety of colors. Large flowering.

Alba. White,	PKT.	5
Alba Occulata. White, maroon eye,	5	
Atropurpurea. Deep crimson,	5	
Coccinea. Scarlet,	5	
Rose.	5	
Isabellina. Yellow,	5	
Kermesina Striata. Striped scarlet,	5	
Kermesina Splendens. Vivid crimson, fine for massing,	5	
Rose, White Center,	5	
Carmine, White Center,	5	
Grandiflora. About 15 varieties of large flowering,	5	
mixed. Oz, 50c; ¼ oz, 15c,	5	
Finest Mixed. All shades and colors. Oz, 40c,	5	
Fimbriata and Cuspidata. Flowers funnel-shaped,	5	
fringed, of various colors; very interesting; star-shaped flowers,	5	

## DOUBLE PORTULACA



DOUBLE PORTULACA

These brilliant hardy annuals produce in summer various colored, showy and attractive flowers in profusion.

The double portulaca is one of the most showy and desirable, and has proved quite constant from seed.

<b>Grandiflora Fl. Pl.</b> Double; seed offered has been saved with the greatest care from the most double flowers, and of the brightest colors. Seventy-five per cent. double flowers, very choice strain,	PKT.	10
<b>Single.</b> Large flowering. Mixed colors,	5	

## PETUNIA, DOUBLE

**Double Fringed Grandiflora Fimbriata.** Large flowered, fringed. Yields 25 to 30 per cent. of double flowers, fringed; rich and delicate tints and variegated in variety, 50

**Double Flora Plena.** Saved from carefully fertilized flowers, and will produce a large percentage of double flowers; blotched and striped, not fringed, 25

## PETUNIA, SINGLE

Effective for massing in beds; much cultivated as house plants. Being delicate seed, it is best to start them under a glass in February, March or April. They commence to bloom in June and continue for the season if planted in the open ground in May. Superior strains of single petunias of great merit have been recently added.



SINGLE PETUNIA



SINGLE FRINGED

<b>Hybrida Grandiflora.</b> Best German collections, large flowers, blotched, fringed, mottled, variegated and green edge; of unsurpassed quality; finest colors mixed,	15
<b>Allen's Selected Fringed.</b> The seed is saved from the very best single varieties, comprising all shades and colors of fringed, blotched, striped and plain colors, green edged, etc.,	25
<b>Grandiflora Marginata.</b> Large, bordered and veined with green,	25
<b>Fimbriata Maculata.</b> Large flowers of the finest colors; fringed, blotched and striped,	25
<b>Dwarf Nana Compacta.</b> Dwarf, compact habit, profuse bloomer, mottled, blotched and striped flowers,	15
<b>Common. Mixed,</b>	5
<b>Blotched and Striped Mixed.</b> Choice,	10





SALVIA

## SALVIA

Splendid ornamental plants for outdoor decoration; blooming from August till killed by frost; tender annuals.

- PKT.  
**Splendens.** Vivid scarlet; three feet, 10  
**Dwarf Splendens.** Blooms three to four weeks earlier and more abundantly than Splendens; a new scarlet, more dwarf, very fine, superior to Splendens in every way, 10

## ROCKET, Hesperus

Very fragrant, early spring flowering plants, growing freely and blooming profusely in almost any soil; half-hardy perennials.

- Sweet Purple.** 1½ feet, 5  
**White.** 1½ feet, 5  
**Mixed.** 1½ feet, 5

## RICINUS. Castor Oil Bean



RICINUS ZANZIBAR

Ornamental plants of stately growth; half-hardy annuals.

- Camborgensis.** The finest dark-leaved variety; leaves are nearly black; very beautiful, 5  
**Gibsoni.** Dark purple stem and leaves; fine, 5  
**Bonboniensis Arboræus.** Beautiful, large leaves; 12 feet, 5  
**Communis.** (Palma Christi.) Common Castor Oil Bean, 5  
**Finest Mixed,** 5  
**Zanzibariensis.** From East Africa: attains great dimensions; beautiful, drooping, gigantic leaves, 5

## SCABIOSA

## Mourning Bride or Sweet Scabiosa

The Scabiosa are useful for cut flowers or bouquets, producing flowers on long stems. The tall varieties grow 18 inches high and the dwarf about 12 inches. If seed is sown in June and not allowed to bloom much, will bloom the second year.



DOUBLE SCABIOSA

- Mixed Colors.** Single; white, purple, red, pink, 5  
**Double Tall.** Mixed, all colors, 5  
**Double Tall.** White, 5  
**Double Dwarf.** Mixed, about 10 colors, 5

## STOCK. Ten Weeks

The Stock for summer and fall blooming is nearly equal to the carnation in size and doubleness of flower; is much used by florists for arranging bouquets and designs. For summer flowers sow in March, transplant when two inches high, and will commence to give flowers in July, continuing till hard frosts. If carefully lifted will bloom in the house all winter, but it is better to sow seed in August or September for young plants to bloom in the winter, as they will give larger and better flowers; hardy annual.

- PKT.  
**Pyramidal Large Flowering.** Pyramidal habit, long spikes, large flowers; 12 inches high, blooms early; choice colors mixed, 10

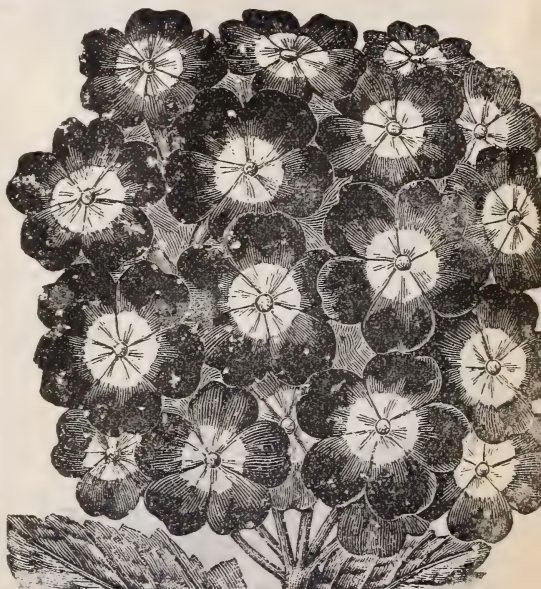


STOCK

- PKT.  
**Boston Florist's Double White,** 10  
**Princess Alice.** A branching perpetual white. For cutting and arranging the best of all white, 10  
**Large Flowering Pyramidal.** White, rose, carmine, blue, violet, red, chamois, yellow, each color very double; fine for cut flowers, 10  
**Giant Perfection.** Pyramidal growth, long spikes, large double flowers; 2½ feet, 15

## VERBENA

Sow in the house, cold-frame or hot-bed from February to May, in about 60 degrees, care being taken not to let the soil get too dry or too wet, as it takes about two weeks for the seed to germinate; transplant when an inch high, planting in the open ground as soon as the weather becomes warm. They commence to bloom in July and continue till November, covering the ground from 2 to 4 feet with one mass of bloom; are usually fragrant; no plant gives more useful or showy flowers in such abundance.



NEW LARGE FLOWERING VERBENA (AMERICAN MAMMOTH)

- New American Mammoth.** Very fine, large flowers in various colors; the very finest strain, growing equal to the best named varieties; mixed, 10  
**Hybrida.** Finest varieties, saved from the best named kinds, 10  
**Auricula Grandiflora.** Large flowered; all colors mixed; white eye, 10  
**Caerulæ.** Blue shades mixed, 10  
**Defiance.** Splendid old scarlet bedding variety; constant extra, 10



**Candidissimi.** Pure white, large trusses; splendid, 10  
**Scarlet.** Different shades mixed, 10  
**Italian.** Striped, from a choice collection, 10  
**Good Mixed.** All colors, 5

## ZINNIA



DWARF DOUBLE ZINNIA

Grow rapidly from seed and bloom in about 8 weeks, continuing until killed by frost. They form plants about 20 inches high with profusion of flowers of nearly all colors and shades, resembling in form the double dahlia; are largely used for massing or high borders. Set plants about 12 inches apart. The dwarf varieties are of recent introduction, growing but 10 or 12 inches high and in most cases preferred to the tall varieties; seed can be sown in March or

April in boxes and transplant, or sow seed in open ground.  
 They range in a variety of colors of white, scarlet, crimson, salmon, sulphur, yellow, bright yellow, violet, in many shades, bright and velvety.

**Zinnia, Double Dwarf.** In eight best colors mixed; very double. For bedding or massing the dwarf varieties are most preferred, 5  
**Dwarf White,** 10  
**Double Tall. Mixed,** 5  
**Zebra.** About 50 per cent. produced are spotted and striped flowers of all colors, 10  
**Double Pompon.** Small flowers, very double, 10  
**Curled and Crested.** Mixed colors, 10  
**Grandiflora.** Large flowers, mixed, 10

## TROPAEOLUM

Beautiful climbers, flowering profusely; very useful for covering trellis and rustic work out of doors; half-hardy annual.  
**Mixed Varieties.** 5  
**Peregrinum.** (See Canary Bird Vine.) 5  
**Lobbianum.** Delicate foliage; good for house or pot culture; finest mixtures.

# General Collection of Flower Seed

**ARBONIA.** Umbellata. Verbena-like sweet-scented flowers. Trailing, half-hardy annual, ¾ foot. Rosy lilac, 5

**ACROCLINUM.** An everlasting for winter bouquets. Half-hardy annual. 5

**MIXED COLORS.** Double, 5

**AGERATUM.** Blooms all summer. If potted in the fall will flower all winter. Useful for bouquets. Seed can be sown early in boxes or in the open ground. Half-hardy annual.

**AGERATUM.** White or blue. 18 inches. 5  
**DWARF TOM THUMB.** Blue or white, or mixed, 6 inches, 5

**ADLUMIA.** Climbing plant; hardy perennial. Cirrhosa. (Mountain Fringe.) White; 15 feet; graceful foliage, pink flowers, 5

**AMARANTHUS.** Ornamental; grown for the attractive foliage in autumn. Valuable for group; half-hardy annual.

**CAUDATUS.** "Love Lies Bleeding." Red, graceful, 5

**BICOLOR RUBER.** 5

**TRICOLOR GIGANTEUS.** "Joseph's Coat." Leaves red, yellow and green, 5

**AMMOBIUM.** ALATUM. Useful everlasting for winter bouquets. Showy plants for the garden; hardy annual. Grandiflora, large, white, 5

**ANTIRRHINUM.** "Snapdragon." Summer and autumn flowering; half-hardy perennials; markings in variety of spots and stripes.

**MAJUS.** Striped varieties mixed: 12 inches high, 5

**TOM THUMB.** Best and brightest colors, mixed; 6 inches high, 10

**GIANT.** White or mixed, 5

**ASPARAGUS, PLUMOSA NANA.** A rapid climbing vine for green house culture, used in cut flower work, 20

**SPRENJENII,** 15

**AQUILEGIA.** "Columbine." Showy, early summer blooming plant; in form and color beautiful; hardy perennial.

**Alba Flora Plena.** Pure white, double, 5

**Mixed Double.** All colors, yellow, red, variegated, etc., 10 sorts, 5

**BALLOON VINE.** Cardiospermum. Ornamental climbing plant, for outdoor decoration.

**Halicacabum.** White, five feet, half-hardy annual, 5

**CALANDRINIA.** Creeping plants, for planting in any hot situation; rose-colored flowers in profusion; hardy annual; 1 foot. Mixed Varieties, large flowering, 5

**FOR-GET-ME-NOT.** (See Myosotis.)

**BRYONOPSIS.** Climbing annual. 5

Yellow flowers; fruits change in color to scarlet striped white. Annual, 10 feet, 5

**BRACHYCOME.** Dwarf-growing plants covered all summer with a profusion of cineraria-like blooms. Half-hardy annual.

**Iberdefolia.** (Swan River Daisy.) Mixed blue and white, 8 inches high, 5

**BEANS.** Flowering. Rapid climbers, flowering freely; adapted to covering screens; 8 to 15 feet.

**Scarlet Runners.** Scarlet flowers, 5

**White Runners.** White flowers, 5

**Painted Lady.** Rose and white flowers, 5

**CALALIA.** Tassel Flower. Free growing, profuse flowering, hardy annuals, with clusters of tassel-shaped flowers; 2 feet; scarlet and yellow, mixed, 5

**CALLIRRHOE.** Free flowering plants; excellent for beds or masses. Hardy annuals.

**Pedata.** Purple crimson, with white eye, 2 feet, 5

**Involucrata.** Hardy perennial; 1 foot, 5

**CANARY BIRD FLOWER.** Peregrinum. Ornamental climber, bright fringed yellow flowers, finely divided foliage; half-hardy annual of rapid growth, and flowers freely.

**Canary Bird Flower.** Yellow, 10 feet, 5

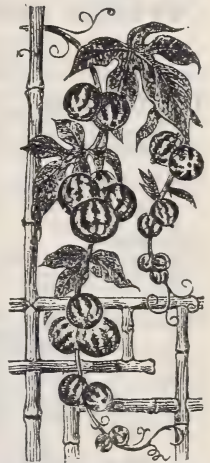
**CENTAUREA.** Used for Ribbon beds or borders, arranged with Cannas, Coleus, and other dark leaved plants, are among the finest for that purpose; sometimes known as "Dusty Miller," and largely used for vases and baskets. Sow seed in the house from December to March.

**Candidissima.** Splendid silvery-leaved plant; 6 inches high with broad leaves, 10

**Gymnocarpa.** A graceful, silver-foliaged variety; 1 foot; most used for ribbon lines, 10

**Cyanus.** Known as "Bachelor's Button." Mixed colors, much used for cut flowers. Rose, blue and white flowers, 5

**EUPHORBIA.** Variegata. A showy, hardy annual, with white and green bracts, 5



BRYONOPSIS



**CHRYSANTHEMUM.** Single Annual Varieties. Bloom freely from June to October from seed sown from March to June. Colors of crimson, yellow, white, maroon, make a brilliant display; grow from 12 to 18 inches high. Hardy, 10

**Annual Varieties. Chrysanthemum Tricolor Album.** White, crimson center, 5  
**Golden Feather.** White, with crimson ring, a circle of yellow and maroon eye, 5  
**Double and Annual Varieties.** Double yellow, scarlet or white, 5  
 Double mixed, 5

**Inodorum Plenissimum.** Small, double white; flowering in profusion during the summer; good for vases or cutting, 5

**CLARKIA.** Seed sown in September blooms in May or June. When planted in cool, partly shaded places are highly recommended. When sown in April they will bloom most of the summer; transplant or thin out to 1 foot apart. 5  
**Double Mixed.** White, pink, purple, red, 5  
**Best Single Mixed,** 5

**COLEUS.** For bedding or other decorations where colored leaved plants are desired. They make fine specimens in a short time. Sow seed in a warm room, 70 degrees, from January to April; tender annual. 5  
**New Hybrids.** These seeds produce beautiful and distinct sorts, 25  
**Good Sorts Mixed,** 15

**CUCUMIS.** 'Gourds.' Ornamental cucumbers with curious fruit, remarkable for the rapidity of their growth. Half-hardy annuals. 5  
**Dispaceous.** Sulphur yellow, 5  
**Flexuosus.** (Snake Cucumber.) Fruit 3 feet long, 5  
**Grossularia.** (Gooseberry Gourd.) 5  
**Pear Shape, Egg, Orange,** 5

**CYPRESS VINE.** 'Ipomoea Quamoclit.' Climbing plants with delicate, fern like foliage. Unsurpassed by all easily grown annuals for its attractive appearance and graceful form. 5  
**Mixed Colors.** Oz, 30c, 5

**DIGITALIS.** 'Foxglove.' Ornamental plants with long spikes of stately growth and varied colors; spotted and solid colors. 5  
**Fine Mixed Varieties, Gloxinoides, large flowers,** 5

**GAILLARDIA.** A class of flowers remarkable for the profusion and brilliancy of their flowers, very effective and showy. Half-hardy annuals. 5  
**Fine Mixed,** 5  
**Picta Lorenzana.** Double; useful on account of its long duration of bloom for cut flowers. Yellow, amaranth and claret; mixed, 5

**GERANIUM.** 'Belargonium.' The seed offered below has been saved from the choicest foreign and American collections, comprising all shades. 10  
**Zonale.** Good mixed, 10  
**Fancy Pelargonium, French Blotched or Ordier.** Sometimes known as Lady Washington. Seed saved from choice flowers, 30

**GOURD, ORNAMENTAL.** 'Mock Orange.' Of rapid growth with luxuriant and ornamental foliage and bearing fruit of varied forms. Desirable for trellis work; tender annual. 5  
**Ornamental.** Fine mixed varieties from a large collection of the ornamental varieties, 5  
**Chinese Sponge or Dish Rag Gourd.** Flowers yellow, fruit green, the inside being a fibrous mass, 5

**CURCUBITA.** These grow rapidly and produce some of the most peculiar forms of fruit found in the vegetable kingdom. 5  
**Leucantha Longissima.** Very curious; 5 feet long, 5

**GLOBE AMARANTHUS.** 'Gomphrena.' Handsome everlasting. The flowers may be cut in summer and preserved for winter bouquets; half-hardy annuals; about 18 inches high. 5  
**White, Purple, Golden, Mixed.** All colors, 5

**GLADIOLUS.** The seed offered has been carefully saved from the finest named hybrids. Half-hardy bulbs. See special list of summer bulbs. 5  
**Gladiolus.** From the finest named varieties, French hybrids; mixed, 15c. 5  
**Small Bulbs.** Saved from the finest named varieties. Most of them will produce flowering bulbs for the next season. Twenty small bulbs from good mixtures, 10c. 5

**GYPSOPHILA.** Hardy everlasting, free-flowering little plants for rock work or small beds. 5  
**Paniculata.** White, fine for bouquets; hardy perennial, 5

**GODETIA.** Attractive hardy annuals. The profusion of bloom and delicate tints of color have rendered them universal favorites. 5  
**Fine Mixed.** All colors, 5

**Grasses. Ornamental** 5  
**Agrotis Nebulosa.** Graceful and beautiful, 5  
**Avon Sterrillis.** (Animated Oats.) 2½ feet, 5  
**Briza Maxima.** (Large Quaking Grass.) 1 foot, 5  
**Bromus Brizaeformis.** Resembling Briza Maxima, 5  
**Coix Lachryma.** (Job's Tears.) 2 feet, 5  
**Eragotis Elegans.** (Love's Grass.) 2 feet, 5  
**Lagurus Ovatus.** (Hare Tale Grass.) Hardy annuals, 5

**HELIOTROPE.** Well-known, deliciously fragrant plants; excellent for bedding purposes or pot culture. Tender annual. 5  
**Fine Mixed.** Of about 10 light and dark varieties. 5

**HELICHRYSUM.** 'Everlasting Flower.' Effective in the flower border and indispensable for winter bouquets, for which cut before the blooms are expanded, and dry in the shade; hardy annuals. 5  
**Monstrosum.** Yellow; 1½ feet, 5  
**Album.** White; 1½ feet, 5  
**Double Red.** Two feet, 5  
**Finest Mixed.** All colors, 5

**HOP.** 'Japanese.' Humulus Japonicus. Annual from Japan. Foliage resembles the common hop. It can be sown in the open ground in spring, and attains a growth of 10 or 15 feet in a short time. Good for covering verandas, trellis, etc., seldom suffering from the heat, 5  
**Variegated.** Seed sown June 1 will make a growth of 15 feet in two months; useful and ornamental climber, 10

**LARKSPUR.** 'Delphinium.' Plants bloom in great profusion in summer; hardy annuals. 5  
**Dwarf Rocket.** Finest mixed double; 1 foot, 5  
**Tall Rocket.** Finest mixed double; 2½ feet, 5  
**Consolida.** Double branching; fine for cutting, 5  
**Emperor.** Fine compact plants of brilliant colors and double flowers; 1½ feet, 5

**LATHYRUS.** 'Everlasting Pea.' Showy, free flowering plants, growing in any common soil; very ornamental on trellis work, old stumps, or for covering fences or walls; hardy perennials. Finest mixed, 5  
**White, Scarlet (Splendens), or Rose,** 10

**HYBRID MOON FLOWER.** The flowers larger and in bloom 30 days earlier than Grandiflora, opening earlier in the evening and lasting until 10 or 12 the next morning, 10

**ICE PLANT.** A dwarf trailing plant, used for baskets; half-hardy annual. 5  
**Ice Plant.** 'Mesembryanthemum.' Trailer, 5

**LAVENDULA.** Cultivated for the fragrance of its leaves; succeeds in any garden soil; hardy perennial, 5

**MYOSOTIS.** 'Forget-me-not.' The different species are beautiful and too well known to need recommendation; succeeds best in moist situations; hardy perennials. 5  
**Myosotis.** Fine mixed. 5  
**Myosotis Victoria.** Best for pot culture, 5  
**Large Flowering,** 10



ORNAMENTAL GOURD  
 Leucantha Longissima.



JAPANESE HOP



**LOBELIA.** Their delicate drooping habit, profusion of little blue and white flowers render them ornamental for vases or hanging baskets or border cultivation; half-hardy annuals. PKT. 5

**Erinus Alba.** Pure white, ½ foot, 5



LOBELIA COMPACTA

**Speciosa.** One of the most effective varieties for bedding; ½ foot, 5

**Crystal Palace Compacta.** Compact deep blue; fine for baskets or borders; ½ oz, 50c, 10

**Finest Mixed Varieties,** 5

**MARVEL OF PERU.** Flowers varied and beautiful, and produced in abundance; half-hardy perennials. Finest mixed, 5

**MAURANDIA.** These summer climbers are used for basket and rock work; bloom the first year from seed; half-hardy perennials. Mixed Colors. White and pink, 5

**MIMOSA.** "Sensitive Plant." **Pudica.** Interesting and curious, its leaves closing if touched or shaken; half-hardy annual, 5

**MORNING GLORY.** (See Convolvulus.) Finest mixed, 20 feet. Oz, 20c.

In separate colors of White, Rose, Dark Red, Dark Blue, Violet, or Mixed, 5

### SWEET WILLIAM.



SWEET WILLIAM

**Lablab, purple; Alba, white; Mixed,** 5

**NIGELLA.** Interesting, free flowering plants of the easiest culture, growing in any garden soil; hardy annuals. Fine Mixed. ¾ foot, 5

**NIEREMBERGIA.** Charming plants which flower profusely the whole summer; well adapted for hanging baskets and edgings; half-hardy perennial. 5

**Gracilis.** Slender, lilac, yellow eye, 5

**RHODANTHE.** Everlasting flowers for bouquets for winter. Succeed best in a light, rich soil, and a warm, sheltered situation; half-hardy annual. 5

**Mixed Colors of white and rose,** 5

**PYRETHRUM.** Pyrethrum Aureum is the well-known Golden Feather so much used for carpet bedding, edging, etc. From the flowers of Pyrethrum Roseum is obtained the Persian Insect Powder or Buhach of California. Pyrethrum Hybridum and varieties are among the handsomest of hardy flowering herbaceous plants.

**Pyrethrum Aureum.** (Golden Feather.) Bright yellow foliage, 5

**Pyrethrum Aureum Laciniatum.** An improved Golden Feather. Foliage finely fringed, 10

**Pyrethrum Hybridum Fl. Pl.** Large flowering double mixed; beautiful colors, mixed, 1½ feet, 35

**ROCKET.** "Hesperus." Fragrant, early spring flowering plants, growing freely and blooming profusely in almost any soil; half-hardy perennials. PKT. 5

**Mixed.** 1½ feet. Purple and white, 5



LILY RUBRUM. See Page 39.

**TROPAEOLUM.** Beautiful climbers, flowering profusely; very useful for covering trellis and rustic work out of doors; half-hardy annual. 5

**Mixed Varieties,** 5

**Peregrinum.** (See Canary Bird Vine.) 10

**Lobbianum.** Delicate foliage; good for house or pot culture; finest mixture, 5

**VENUS LOOKING GLASS.** A free flowering dwarf, hardy annual; especially adapted for beds, edgings, etc.; grows well in any garden soil. 5

**Mixed Varieties,** 5

**WALLFLOWER.** A well-known plant, esteemed for its fragrance; half-hardy perennial. 10

**Double.** Finest mixed, 10



CLEMATIS JACKMANII. See Page 39.



# PLANTS.

## CARNATIONS

No flower has improved more than the carnation. For all purposes it stands long exposure, either for shipping or cut flower use. Its beautiful color, fragrance, abundance of bloom, rate it by all florists and cut flower dealers among the first-class flowers, having a ready demand in market. These, with its hardy nature, render it one of the best blooming plants for commercial florists. When set in the open ground cut them back; will soon show new growth and bloom during the summer, and when lifted from the open ground will produce flowers for several months in the winter. The following winter blooming sorts can supply in quantities. Price, 10c each; \$1 per doz; \$6 per hundred. Add 50c per 100 when sent by mail. Will send 3 varieties by mail, my choice of varieties, for 25c; 6 for 50c; 15 for \$1. Large plants in 5 and 6 inch pots, 25c and 35c each; \$3 per doz.

**Mrs. Lawson.** Deep pink, free, very large flower. The most popular flower at the present time.

**Chicago.** Large scarlet.

**Mrs. F. Joost.** One of the best; pink.

**Freedom.** Large white. Very free.

**Golden Beauty.** Lemon color; erect, 3 inch blooms, vigorous.

**Gov. Roosevelt.** Deep crimson; erect stem.

**Estelle.** Best scarlet.

**Enchantress.** Pale pink; flowers 3 to 4 inches, stems 20 to 30 inches.

**Boston Florist.** White, free. One of the best white.

**Mrs. Theo. Roosevelt.** Deep pink.

**Harry Fenn.** Large dark crimson.

**Fair Maid.** Delicate pink; free bloomer, good grower.

**Nelson Fisher.** Dark pink; large, long stem.

**Mrs. Patten.** Variegated; large flower, long stem.

**White Lawson.** White, free. One of the best white.

**Queen.** Standard white.

**Fiancee.** Clear pink; flowers 3½ inches, long stem, continuous bloomer.

**Red Lawson.** Bright scarlet; otherwise similar to Mrs. Lawson in size, habit, growth.

**The Belle.** Early white; large bloom, long stem.

**Variegated Lawson.** White striped scarlet. A sport from Mrs. Lawson.

**NEW VARIETIES.** 25c. each.

**Helen Goddard.** A cross of Lawson and Crane. Bright rose pink.

**John Haines.** Brilliant scarlet 3 to 3½ inch bloom, long stem, free and continuous.

**Robert Craig.** One of the best new scarlets.



## GERANIUMS

For bedding the geranium is more extensively used than all varieties of plants combined. Few, if any, plants produce the brilliant effect for the same expense, the best bedding varieties giving one mass of color from July to frost. The scarlets, salmons, whites, pinks of one shade by themselves, are most used. Attractive borders add to these effects.

### Best Bedding Geraniums

**ACTON.** Single Scarlet.

**ADMIRAL DEWEY.** One of the best bedding Scarlets.

**BEAUTY OF PONTIVENE.** Semi-double, Salmon Pink.

**BRUANTIL.** Semi-double, Light Scarlet.

**GEN. GRANT.** Single Scarlet.

**HELEN SMITH.** Fine, rich, deep Scarlet. One of the very best bedding Scarlets. 10c each; \$1 per doz, \$6 per 100.

**J. M. GAAR.** Single White.

**KING OF SCARLET.** Single Scarlet.

**LA FAVORITE.** Double White.

**MRS. E. G. HILL.** Single Salmon.

**MONTESQUE.** Light Pink, semi-double.

**S. A. NUTT.** Double, Dark Red.

3 inch pots, \$1 per doz; \$6 per 100.

4 inch pots, \$1.25 per doz; \$8 to \$10 per 100.

### GENERAL COLLECTION

#### Single Scarlet, Salmon Pink

**Blanche Molas.** Salmon, bordered white, large flower.

**Copernic.** Large truss, rose and carmine, white eye.

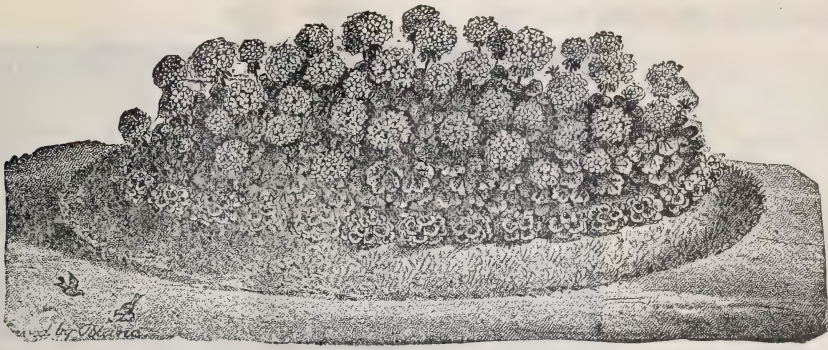
**Francis Argo.** Silvery salmon, shaded peach.

**Granville.** Clear pink, large, full flower.

**Gen. Grant.** Bright scarlet, a fine bedder. \$5 to \$10 per 100.

**Helen Smith.** Largely used in public parks for bed-





BED OF GERANIUMS

ding, vigorous, compact, free flowering; of a dazzling scarlet.

**Jeanne de Arc.** Orange scarlet, large white center.

**King of Scarlet.** One of the best scarlets for bedding throwing large heads of immense scarlet flowers; an abundant bloomer; during August and September is one mass of bloom.

**Protee.** Snow white, rose tint; large flower free.

**Mrs. E. G. Hill.** Large flower.

**Souvenir de Miranda.** Upper petals white, with salmon

border, lower petals salmon rose, streaked white; free.

**Universe.** Dark Scarlet, dazzling shade; florets large.

round, in trusses of immense size.

Price same as scarlet. Thirteen of the best and most

free flowering varieties for pot culture or bedding pur-

poses. My selection from the above lists, \$1.50 prepaid

by mail; or by express, paid by purchaser, \$1.25; strong

plants.

Best bedding varieties \$8 to \$10 per 100, according

to size.

### Single White

**J. M. Gaar.** Snow white.

**M. de Layre.** Single white.

**Nelly Bly.** White, erect habit; flower full.

**Queen of Belgium.** White.

### Golden Bronze Geraniums

FOR FOLIAGE AS HOUSE PLANTS

**Crystal Gem.** Leaf bright green, broadly margined yellow.

**Exquisite.** Chocolate zone, yellow center.

**Golden Banner.** A golden leaf without green or trace of a zone.

**Marshal McMahon.** Leaves yellow, marked with deep, broad chocolate ring.

10c to 15c each.

### Bruant Series of Geraniums

This collection gives new and beautiful shades, very large flowers; strong and robust growth. Should be had

in all collections. Fine for bedding or house culture,

producing flowers both single and semi-double. 15c;

\$1.50 per doz; small size 10c; strong, large plants 20c.



BRUANT GERANIUMS

**Mdm. B. Deverney.** Shell pink, enormous flowers, large truss, semi-double 25c.

**River of White.** The first double white Bruant, after a

long trial for years, pure, elegant in form and size, a promising leader of its color. 25c each.

**Mdm. Mahiem.** Deep rose, of rosette shape, of fine size.

25c.

**Lucy Guichard.** Dwarf, blooms abundantly; semi-

double, rose color. 25c.

**Telephone.** Immense scarlet Bruant, free. 25c.

**Clyde.** A sport from E. G. Hill, pure scarlet, very large

truss. 20c.

**Jean Viand.** Pink, semi-double, free.

**M. Chapoton.** Unusually large, rose pink. 25c.

**Marquis Castellane.** Fine for winter or pot growing,

scarlet, 2 1/2 inch flower.

**Mdm. Jaulin.** Large pink with white border.

**Mt. Blanc.** White, free.

**Peter Henderson.** Superb in habit, enormous size, semi-

double scarlet, flat and broad.

**Recurseur.** Fine trusses of white, large, free.

**V. de Poitiers.** Nothing finer in the Bruant race; rosy

scarlet with single flowers 2 to 3 inches across. 25c.

**Bertha de Presilly.** Large silver rose, free, dwarf

branching.

**A. Riccard.** Large, clear vermillion scarlet, semi-double.

**Acton.** Scarlet, single, fine large flower.

**Blanche Molas.** Salmon bordered white; large single

flower and truss.

**Baron de Paynod.** Orange vermillion, large size single.

**Beaute Poitevine.** Large semi-double, immense truss;

salmon; free-pot plant or bedding.

**Bruantill.** Orange scarlet, semi-double; excellent bedder,

dwarf.

**Eiffel Tower.** Resembles Bruant; large truss; dwarf

habit, good bedder; orange scarlet; semi-double.

**Francis Argo.** Salmon shaded peach, single.

**Mrs. E. G. Hill.** Single salmon, large flower.

**Mdm. du Lac.** Rose single.

**Mme. Alfred Mame.** Vermilion, large free, good habit;

single.

**Protee.** Large flowers, freely produced; truss immense;

silvery rose, white shadings, fine single.

### Double Zonale Geraniums

Adapted for bedding, blooming freely as the single,

while their flowers last much longer, not being so easily

destroyed by the rains; much used as cut flowers. Small

size, 15c; \$1.50 per doz; my choice of varieties, 10c;

\$1.00 per doz; \$6 to \$10 per hundred; large strong

plants, 20c; \$2 per doz.

**B. K. Bliss.** Flowers 2 inches in diameter, of a vivid

rich pure scarlet, of a good shape; large truss.

**Glory of France.** Rosy salmon, white margin; the fin-

est of its color, an excellent pot plant.

**Jules Simmons.** Rose; free bloomer, fine bedder.

**La Favorite.** Fine white; double, free.

**Mme. Thibeaut.** Deep Pink.

**Mrs. Chas. Pease.** Compact growth, deep pink.

**Montesque.** Rose mauve, lilac shading.

**Mdm. Cheveliere.** White, fine form.

**S. A. Nutt.** One of the best dark crimson.

**White Swan.** White, free, good habit.

A fine collection, adapted to all purposes, either for

winter blooming or bedding in summer. Price same as

single varieties. Bedding varieties, \$6 to \$10 per 100.

### Ornamental Foliage Varieties

**Happy Thought.** Leaf white in the center, green out-

side; flowers magenta; habit dwarf and spreading;

attractive. 15c; small size, 10c.

**Mme. Sollerol.** An improved bedding variety; distinct

from any class. Compact, good form, 6 to 10 inches

high; foliage light green with white edge. For mass-

ing in ribbon beds or borders this has no equal in the

line of geraniums; 12c; \$1.20 per doz; \$8 per 100.

**Mrs. Pollock.** Red, chocolate, yellow leaves.



## French Ever-Blooming Cannas

J. C. Neville. White.  
Pink Queen. Early pink, 2½ feet.

Popular plants for large groups where attractive massive effects upon the lawn are to be obtained, blooming from July until frost. The long spikes of brilliant flowers, scarlet, crimson, yellow, attract attention; easily cultivated and adapted to almost any soil or situation; a strong, moist soil is best suited to them. Easily lifted in the fall into pots and will grow and bloom most of the winter, the dwarf varieties being the most desirable for pot culture, as they vary in height from 2 to 4 feet. After cut down by frost, lift and store in the cellar or greenhouse like dahlias, dividing in the spring to plant out in May or early June. To hasten, they can be started in pots in February or March and planted out in May or June. Price for bulbs, 10c; \$1 per doz, except where noted. Started in 4-inch pots, 20c each; \$2 per doz; \$12 per 100.

**Florence Vaughan.** Yellow, dotted bright red; broad petals, forming an elegant flower; spike large and compact; 3 feet.

**Charles Henderson.** The individual flowers are among the largest; deep crimson, 3 feet.

**Madam Crozy.** Scarlet, bordered yellow; the habit of the plant is compact; height 3 feet.

**Musiford.** Large leaves 3 to 5 feet, dark green, bronze tinge, purple edge. A single plant makes a specimen no other cannas approach, a massive tropical effect 8 feet high.

**King Edward.** One of the best scarlet bedding cannas, 3 feet high, compact large flower heads.

**Pres. McKinley.** Deep crimson, 2 feet, free bloomer.

**Pres. Carnot.** Dark green foliage, crimson flower, 3 ft.

**Eldorado.** Height 3 to 4 feet. Lemon yellow, lightly spotted orange, the general effect in the distance being yellow. Large floret with broad petals, large full truss, broad green foliage.

**Robusta Perfecta.** Distinct, handsome; leaves 10 to 15 inches wide, 4 feet long, bronze red. Habit, robust; height 8 feet, appearing like the Abyssinian banana. Largely used, gives fine effects.

**J. D. Cabos.** Maroon foliage, large, bright apricot flowers; early free bloomer; 4 feet high.

**Austria.** Five feet; very large flowers, yellow. Bulbs.

**Italia.** Scarlet, 5 feet, immense flowers.

**Burbank.** Immense yellow flowers, 7 inches across; 3 feet.

**Crimson Bedder.** The best dwarf crimson for bedding; blooms early and constantly from June to October. Blooms large and intense in color; 3 feet.

**Black Beauty.** 4 to 5 feet. The finest dark-leaved variety. 15c.

**Mrs. Kate Gray.** Bronze foliage; large flowers; orange scarlet edged with yellow; foliage broad, tropical appearance. 25c each.

**Jean Tissot.** Intense vermilion, very large, massive foliage, 5 feet.

**President Meyer.** Immense truss, large flower, bronze foliage, 4 feet.

**Rubin.** Carmine, unusually free, intensely rich color, bronze green foliage, fine bedder.

Collection of 6 Good Bedding Cannas, Bulbs, 50c.

Collection of 6 Good Bedding Cannas, Pot Grown, 75c.



BED OF CANNAS

**Fidelity.** Improved Alice Byron.

**Okolona.** White flushed rose at base 2 feet.

**W. H. Chadwick.** White rose tint.

**Merza.** White; very large; 3 feet.

**Silver Wedding.** White.

**Merry Christmas.** Very late white.

**Pink Ivory.** Identical except color, which is a fine pink for cut flowers.

**Mrs. Jerome Jones.** Incurved, white, ball shape.

**Yellow Jones.** Yellow, late.

**Marie Liger.** Pearl pink, dwarf, fine foliage.

**Modesta.** Large, round, yellow.

**Mrs. H. R. Robinson.** Pure white, early.

**Sunburst.** Yellow.

**Ada Spaulding.** Of a beautiful rose tint.

**E. D. Smith.** Large, deep yellow.

**F. J. Taggart.** Light yellow, plumed.



CHRYSANTHEMUMS

## CHRYSANTHEMUMS

THIRTY STANDARD LEADING KINDS

### Large Flowering Japanese or Fringed

**D. Appleton.** Large yellow.

**Alice Byron.** Good early commercial white.

**Mme. Bergman.** Early white, dwarf.

**Major Bonaffon.** Incurved, yellow, ball shape, late.

**Castlewood.** Late, pink.

**Convention Hall.** One of the best whites.

**Cullingfordii.** Dark crimson, very double.

**Maud Dean.** Large, fine pink; late; one of the very best.

**Dr. Enguehard.** A true pink, new, best of the color.

**Timothy Eaton.** Large, white.

**Mrs. Helen Frick.** Improved Maud Dean.

**R. Halliday.** Early, yellow.

**Mrs. Higinbotham.** Enormous; hairy, rich pink variety.

**Ivory.** Pure white, large, double; dwarf habit, free and early.

**W. H. Cadbury.** White, buff tint.



**Golden Wedding.** One of the finest yellow.  
**M. Tucker.** Bronze crimson.  
**Golden Chadwick.** Large, yellow.  
**Mrs. Wm. Duckham.** Yellow.  
**Belfour.** Deep pink.  
**Glory of Pacific.** Early pink.  
**Yellow Eaton.** Immense size.  
**R. Haliday.** Early, large, yellow.  
**Monrovia.** Yellow.  
**J. Nonin.** Late white, of largest size, perfect globe, fine finish.  
**C. Touset.** Blooms October 8th. The largest white maturing at this date.  
**Dr. Galloway.** A useful mid-season white, 4 feet, large.  
**Roi 'D Italia.** Handsome yellow globe, splendid stem and foliage. Cut October 12th; 4 ½ feet.  
**R. de Bogle.** A large incurved yellow, blooms October 15th. One of the finest new commercial sorts.  
**Merstham Yellow.** The largest yellow to bloom October 1st; 3 ½ feet. Beautiful habit and foliage, compact.  
**Alliance.** Enormous incurved Japanese, 4 ½ feet; mid-season.  
**Mrs. William Duckham.** Golden yellow, 3 feet. A new commercial variety, wonderful keeper, mid-season.

Mrs. Swinburne. New white, 4 ½ feet,	75c
Golden Chadwick. Yellow,	50c
Olive Miller. Pink,	25c
Wm. Duckham. Pink,	25c
Matchless. Red, early, good keeper,	25c
White Maud Dean. Late white, 5 feet,	25c
Pink Queen. Valuable early pink. Largest of its type and color at date of blooming, 2 ½ feet,	50c

## EVERBLOOMING ROSES

All classes are used for bedding for summer cut flowers. When left in the open ground during winter, if killed down will throw out new growth from the root, and continue to grow vigorously and bloom the whole summer. The old wood should be cut out when the new growth appears.



CLOTHILDE SOUPERT ROSE

## GENERAL COLLECTION

### Everblooming Roses

Price, strong plants, 15c; 7 for \$1; 16 for \$2. Can furnish a small size of those marked with a \* for 10c; 15 for \$1; 35 for \$2; 100 for \$6.

- \***AGGRIPIA.** Brilliant crimson, early and profuse bloomer; excellent for the house or bedding.
- \***BON SILENE.** Deep rose, but changeable, sweet and fine in every way; one of the best forcing roses for house or garden; tea scented.
- \***DUCHESSE DE BRABANT.** Rosy flesh, edged rose, free; one of the best for house or bedding.
- HERMOSA.** Clear rose, a constant bloomer, hardy, excellent house or bedding rose.
- \***ISABELLA SPRUNT.** Canary yellow, beautiful buds, profuse bloomer; a good forcing rose.
- MARIE VAN HOUTTE.** Fine large white, fragrant, good bloomer.

- \***MDM. BRAVY.** Creamy white with blush center, perfect form; one of the best for all purposes.
- \***MALMAISON.** Pale flesh, very double; full and sweet; one of the finest varieties.
- \***MARECHAL NEIL.** Flowers large double; deep yellow.
- \***PERLE DES JARDINS.** Canary yellow, large, full, fine form; good winter bloomer; largely used for forcing.
- QUEEN'S SCARLET.** Rich crimson scarlet.
- \***SAFRANO.** Bright apricot, profuse bloomer; good for bedding or forcing; tea scented.
- SOU. D'UN AMI.** Deep pink; good for forcing.
- \***Washington.** Pure white, double, vigorous grower, and blooming profusely in large cluster.
- M. Cochet.** Pink, free, hardy, large.
- White Cochet.** One of the best white bedders.

## Choice and General Collection

In this list will be found some of the choicest and well tried varieties of Fancy Tea Roses. They are all worthy of cultivation where quality and beauty are wanted. Price, 10c, except where noted; large plants, 3 and 4 inch pots, 15c and 20c each; \$1.50 and \$2 'per doz.

- American Beauty.** Light crimson; large, full, fragrant. Popular for forcing.
- BRIDE.** Large pure white; of perfect form, of superior quality; fine fragrance; strong grower.
- Bridesmaid.** A new forcing Tea Rose, a sport from *Mermet*, of deeper color.
- C. MERMET.** Silver rose, shaded amber and fawn center; beautiful, double and sweet, elegant rose.
- Champion of the World.** Deep rose, hardy, free.
- President Carnot.** White shaded blush; one of the best summer roses.
- CLOTHILDE SOUPERT.** Everblooming Polyantha variety. One of the best in the list; free, full, double and hardy.
- Climbing Perle des Jardins.** Similar every way to *Perle des Jardins* Tea Rose, but of a rapid climbing growth.
- Empress Augusta Victoria.** Soft pearl white. Tea rose, free.
- Mdm. C. Testout.** Clear pink, Hybrid Tea; after the style of *La France*.
- MRS. DEGRAU.** Deep pink, very free.
- MARIE VAN HOUTTE.** White, tinted yellow; delicate tinted rose; large, double, full, fragrant.
- Meteor.** For bedding or forcing. Rich dark crimson.
- Mary Washington.** A hardy, everblooming climber with large double white flowers blooming from June to frost. It requires protection in this climate in winter.
- PERLE DES JARDINS.** Fine canary yellow; fine, large, full form, good winter bloomer.
- SOU. DE WOOTON.** Hybrid Tea; lighter shade of pink than *American Beauty*; fragrant, very free in growth and bloom.
- White Soupert.** Same habit as above except color.
- Yellow Soupert.** Pale yellow; very hardy. 20c.



ROSE BABY RAMBLER

**A DWARF CRIMSON RAMBLER.** Perpetual bloomer in pots or open ground. 25c.

## Yellow Persian

Deep bright yellow; blooms in June; the finest of all hardy yellow roses. The foliage has a scent like the common sweet brier. 50c.



## Hardy Climbing Prairie Roses

Most of the following are hardy as far north as northern Vermont. For covering buildings, walls, trellises, trees, etc., are much used. Their clusters of beautiful flowers, perfect hardiness and rapid growth, make them desirable to every one who wants a fine climbing rose. 15c; 7 for \$1; 16 for \$2.

**Baltimore Belle.** Pale blush, becoming nearly white, double; one of the best.

**Crimson Rambler.** A native of Japan of the polyantha class; of rapid climbing habit, growing to 6 or 8 or more feet in one season. 15c to 25c each.

**Pink Rambler.**

**Queen of the Prairie.** Deep rose; large and globular, in great clusters, hardy and vigorous; the very best of its color.

**White Rambler.**

**Yellow Rambler.**

## Polyantha Roses

A hardy class, growing 8 to 12 inches high, blooming continually in summer in open ground, or as pot plants in winter; make excellent groups or borders, flowers produced in clusters from 10 to 50 or more; standing our winters with very little protection. Small plants, 10c each; \$1 per doz; second size, 15c to 20c; \$1.50 to \$2 per doz.

**Clothilde Soupert.** The finest and best among this class; large, very double; blooms very freely; for bedding or growing in pots among the best. Color, white, with pink or rose tinted center.

**Mignonette.** Borne in clusters of 10 to 20 or more flowers; delicate rose changing to white; free in growth and bloom; hardy out of doors if slightly protected in winter, and fine for home culture.

**Pink Soupert.**

**White Soupert.**

**Yellow Soupert.** Pale yellow, hardy and free bloomer.

## HYBRID PERPETUAL ROSES



HYBRID PERPETUAL

**ANNE DE DIESEBACH.** Carmine, fine and double. One of the most hardy.

**BARONESS ROTHCHILD.** Color white, tinted rose; its handsome foliage comes close up to flower, representing a bouquet in itself. Large size.

**Baron de Bonstetten.** Large, very double; dark red, almost maroon; fragrant; strong and vigorous.

**CAPT. CRISTY.** Beautiful flesh color.

**Dinsmore.** Dark crimson, full bloomer.

**GEN. JAQUEMINOT.** Rich, velvety crimson, changing to scarlet crimson; magnificent buds; one of the finest and most free bloomers in its class.

**JOHN HOPPER.** Rosy crimson center; large and full; one of the best of its color.

**LOUIS VAN HOUTTE.** Brilliant crimson; large, full and fragrant.

**MAURICE BERNARDIN.** A splendid old rose; one of the very best; rich, velvety crimson.

**Mdm. Alfred de Rougemont.** One of the best white; free bloomer in clusters.

Are of vigorous growth, bearing throughout the summer and autumn flowers of elegant beauty and delightful fragrance. They grow best in a rich, stiff, loamy soil, and should be top dressed with stable manure in the fall. Massed in permanent beds in the spring and fall will make a grand display of rich blooms. Do not prune in the fall, but on the approach of winter cover your plants with light straw or hay. This will protect them not only from the cold, but from the intense heat of the sun, which striking the stem when the sap is down, is injurious. After the frost is over in the spring remove the straw and prune down to within 4 or 6 eyes of the ground, manure liberally, and an abundant crop of roses throughout the summer and fall will be the result. Price, small plants, 15c; 7 for \$1; 15 for \$2; 32 for \$4, except where noted.

Extra large plants from 4, 5 and 6-inch pots, 20c. 25c, 35c to 50c; \$2, \$3 and \$4 per doz; \$15 to \$25 per 100.

**MAGNA CHARTA.** Rich, dark, pink; one of the very best.

**Mrs. John Lang.** Beautiful light shade of pink.

**PAUL NEYRON.** Deep carmine; large, full, free, fragrant; an excellent rose.

**PRINCE CAMILLE ROHAN.** Rich, dark, velvety crimson, changing to maroon, full, very double, and sweet.

**ULRICH BRUNER.** Bright cherry red; large and full; one of the best.

## GLADIOLUS

Are of remarkably easy culture, fine habit, intense beauty of coloring in the flowers, varying from the most brilliant scarlet to pure white, rose to pure yellow and purple, striped and flaked in the most beautiful manner with very delicate tints. The flowers are produced 20 to 30 in a cluster, on spikes about three feet high. Great improvements are among the French and American Hybrids, yearly producing many new and valuable varieties. A succession of bloom may be had from July to October, reserving the strongest bulbs for the last planting.



BED OF GLADIOLUS.

The mixtures, separate colors and seedlings below will be found to contain some of the very finest named sorts from many hundred varieties. The bulbs will be found equal to any offered by other leading florists.

The prices below are when ordered by express; add 7 cents per dozen when sent by mail.

	EACH	DOZ.
Various shades of red and scarlet,	5	25
"    "    pink,	5	35
"    "    light and white,	5	35
"    "    yellow,	5	60
"    "    variegated,	5	50
Seedlings, extra choice mixtures, 100,	\$2.25,	30
Extra choice, all shades and colors, 100,	\$2,	25
Lemoine's Hybrids in best mixtures,		35
Giant mixed colors, or Chidli, large,	5	35
Graf's Hybrids, in fine mixture,		30
Giant Flowering or Chidli, 8 good distinct varieties.		
Blanche. Large white, 25c.		
Columbia. Orange scarlet; blotched, 6c.		
Dr. Sellen. Rich crimson, 7c.		
Gov. McCormack. Extra large rose, 8c.		
Mrs. Beecher. Deep crimson, white throat and spotted,	6 cents.	

**Oddity.** Deep amaranth red, mottled throat, 6c.

**Splendor.** Rose color, mottled throat, 10c.

**Wm. Falconer.** Large spikes, immense flowers, clear pink, 7c.

Among the mixed seedlings are many superior to the general list of named sorts.

## ALTERNANTHERA

Grow 6 inches in diameter, 3 inches high; used for ribbon lines and borders. Leaves tinted, bordered, margined and variegated with bright colors, carmine and crimson. 10c each; \$1 per doz; small size for bedding, \$4 to \$6 per 100. Four varieties.

## ALYSSUM, Sweet

A continual bloomer for the house or out of doors, both winter and summer. The double varieties are prized for their flowers, produced as freely as the single. 10c each; \$1 per doz; \$4 per 100.

**ALYSSUM, DOUBLE; Tom Thumb.** Valuable for bedding, baskets, vases, cut flowers. 10c each; 75c per doz; \$5 per 100.

**Variegated.** Foliage white and green, white flowers. 10c; 3 for 25c; 75c per doz.



## AGERATUM

Blooming continually through the summer months; of the easiest culture. Small plants, 10c. each; \$1 per doz; large plants 15c. Three varieties.

## AZALEA INDICA

My collection comprises a list of the best varieties. Adapted for the greenhouse or parlor, giving profusion of bloom during the winter and spring months. Are now much used as decorative plants for Easter.

Fine bushy plants, 6 to 8 inch pots, 75c, \$1, \$1.50. DOUBLE AND SINGLE.

Six to ten varieties, white, rose, salmon, deep pink, variegated.

## BEGONIA

Used for hanging baskets or for pot plants in the house, blooming through the summer and winter months. 10c; large plants, 20c; \$1 to \$2 per doz.

*Alba Picta.*

*Argenta Guttata.*

*Hybrida Multiflora.* Ornamental leaves; rosy pink flowers.

*Paul Bryant.* Light pink; glossy foliage; very free.

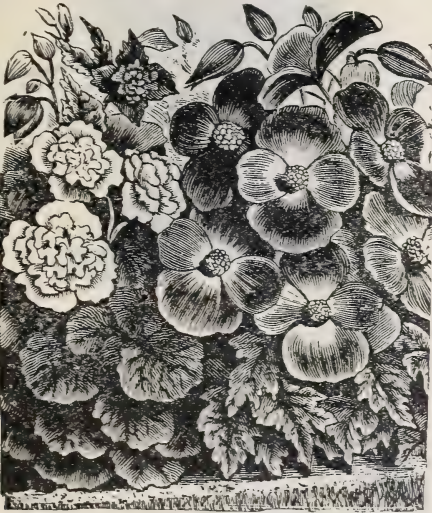
*Rubra.* Green leaves, growing 2 feet or more high; scarlet.

*Metallica.* Leaves metallic, flowers in clusters; delicate rose.

*Gloire de Lorraine.* Pink flowers, very free in winter, 25 to 50c.

## Begonia, Tuberous Rooted

The flowers measure 5 or more inches in diameter, with short, thick, upright growth; erect flowers in the numerous colors of the deepest rose, yellow, crimson, scarlet and white. Pot bulbs any time from January to March, with the crowns just above the soil, in any light loamy compost; place in a warm room or greenhouse to remain until they make growth, and then re-pot into a 6 or 7 inch pot; they will soon show blooms



BED OF TUBEROUS ROOTED BEGONIAS

and growth. When the pots become full of roots supply them with liquid manure, being careful that they are placed in a temperature above 60 degrees; excessive fire heat and glaring sun heat are injurious. To cultivate for bedding, plant them exactly as if they were choice potatoes. Plant bulbs 10 inches apart. Frost affects them in just the same manner as dahlias. To hasten blooming they may be started in small pots in April, and about June 1 planted as other bedding plants, and will bloom from July to October. They prefer a partly shaded place. Separate colors, 2-year bulbs for bedding or summer pot culture.

Single Red,	10c,	\$1.00 per doz.
Single Rose,	10c,	\$1.00 per doz.
Single Dark Red,	10c,	\$1.00 per doz.
Single White,	10c,	\$1.00 per doz.
Single Yellow,	10c,	\$1.00 per doz.
Single in best mixtures,	10c,	\$1.00 per doz.
Double in best mixtures,	10c,	\$1.00 per doz.

## Begonia Rex, Ornamental

The leaves are large, variegated, and mingled with

silvery gloss. Are used as pot plants or in warden cases, ferneries, hanging baskets and stands. 15c to 20c; \$1.50 to \$2 per doz.

## AMPELOPSIS VEITCHII

Known as Japan or Boston Ivy. 20c; six for \$1; 15 for \$2. Hardy climbing plants.

## CALADIUM ESCULENTUM

Ornamental leaved, bulbous plants, used for groups on lawns or near ponds and streams with beautiful effect. They have a rich tropical appearance, making a growth of 4 to 5 feet, with leaves 2 by 3 feet; light and dark green, striped diagonally toward the center. Are much grown, preferring a moist rich soil. The bulbs can be started in pots early in March or April, or planted in the open ground in May as soon as the soil becomes warm. 15c; \$1.50 per doz. Extra strong select bulbs, 25c; \$2.50 per doz. Started in pots, 20c; \$2 per doz. Extra strong, started in pots, 35c; \$3.50 per doz.

## CENTAUREA

Used for bedding with coleus and dark leaved foliage plants. Also much used for vases, urns, and hanging baskets.

*Gymnocarpa.* Silvery white; drooping, fern-like leaves, 10c to 15c; \$1 to \$1.50 per doz; \$5 to \$6 per 100.

*Candida.* Leaves broad, downy white, forming a neat, compact bush. 10c to 15c.

## CYCLAMEN

Adapted to house culture and give many flowers for little care. Place bulbs in soil just above the surface, in a 4 or 5 inch pot; keep plants cool till leaves are well formed; when the flower buds appear, give a sunny window, where it will soon show flowers. The strain of cyclamen is among the finest; remarkable for large size, form and brilliant colors; are ornamental leaves mottled with light and dark green; producing flowers during the winter in profusion.



CYCLAMEN

Bulbs will bloom better to dry them off in summer to remain dormant for 2 or 3 months. In September re-pot in fresh soil, manure liberally with fresh cow manure, and your bulb will throw flowers equal to the above illustration during 2 or 3 months in winter. 25c; small bulbs, 15c.

*Cyclamen Gigantium Album.* White, flower of largest size.

*Cyclamen Gigantium Rubrum.* Rose, several shades.

*Cyclamen Gigantium.* White, pink center.

*Cyclamen Giganteum.* Flowers much larger than C. Persicum; finer in every respect; of rich varied colors.

## COLEUS

Decorative foliage plants, arranged in lines for ribbon beds or massing, are extensively used. Their foliage embraces every color imaginable, from white to black. A few coleus plants arranged in an attractive form make an effective foliage bed. Set plants about one foot apart each way. 10c and 15c; \$1 to \$1.50 per doz; \$4 to \$8 per 100 for the best bedding varieties.

Twelve varieties, Red, Yellow, Spotted, Crimson and other best standard varieties.

## FEVERFEW

*Little Gem.* A dwarf grower constantly in bloom from May till frost. Flowers white, very double and compact habit, 20 inches high; no plant with so little care gives such returns for white flowers; is hardy and lives in open ground during winter, except in open, severe winters. 15c; 12 for \$1.50; small sizes, 10c; 12 for \$1.

*Golden.* Used for massing or in ribbon planting and hanging baskets; leaves of a golden yellow color. The flower shoots should be nipped off. 10c; 75c per doz; \$4 per 100.



## COBAEA SCANDENS

Climbing plants, of remarkably rapid growth, producing abundantly large, bell-shaped purple flowers in profusion. As a summer climbing plant for trellis or veranda, or to train in greenhouse or conservatory in winter, it ranks first. 15c; strong plants 25c.

## CLEMATIS

See hardy Climbing Vines. 25c to 50c each.

## DAHLIA



The dahlia succeeds best in strong, loamy soil. Plants should be set 3 feet apart. One of the most attractive autumn flowers, blossoming from August till killed by the frost. Bulbs can be started in pots in March or April to be planted in the open ground in early May. Store bulbs in winter by packing in sawdust or dry sand in a cellar free from frost. 15c; \$1.50 per doz.

### Large Flowering Tall

White, Yellow, Scarlet, Maroon, Rose.

### Dwarf Bedding, Large Flowering

Grow 24 inches high with large flowers. 15c; \$1.50 per doz. White, Scarlet, Maroon, Yellow, Rose.

### Bouquet Dahlias

Plants grow tall; flowers small, full and double. 15c; \$1.50 per doz. Six distinct colors.

### Cactus Dahlia

From tests of over 100 varieties the following were selected as the best and most useful varieties for show, cut flowers or bedding. For a bank of showy, massive bloom, plant Storm King or Snowclad, front; Orange King or Lavonia next; Queen of Yellow, Client, Lindhurst or Countess of Lonsdale for third and fourth row. 15c each; \$1.50 per doz; \$6, \$8, \$10 per 100.

### White. Six Best

John Walker. 3 feet high; bloom  $3\frac{1}{2}$  inches.  
Grand Duke Alexis.  $4\frac{1}{2}$  feet high; blooms 5 inches.  
Storm King. 2 feet high; 3-inch blooms; very free.  
Guiding Star.  $2\frac{1}{2}$  feet; 2-inch blooms.  
Perle de Or.  $4\frac{1}{2}$  feet high;  $5\frac{1}{2}$ -inch blooms.  
Snowclad. 2 feet; 2-inch blooms; the best small white.

### Scarlet

Orange King. 4 feet high; 4-inch blooms; very fine, brilliant orange scarlet, early bloomer.  
Sunshine.  $2\frac{1}{2}$  feet high;  $2\frac{1}{2}$ -inch blooms.  
Capston. Orange Salmon, 4 feet;  $4\frac{1}{2}$ -inch blooms.  
Lindhurst. 5 feet; 4-inch blooms.

### Pink

Lavonia. Pure rose, 3 feet high; 3-inch bloom; best of all pink.  
Eleganta. 2-inch bloom; 2 feet high.  
Little Beauty. 3 feet; 2-inch bloom, clear light rose.  
Eureka.  $2\frac{1}{2}$  feet; 3-inch bloom, light pink.  
Countess of Lonsdale. 4 feet, with 4-inch bloom, rosy scarlet or salmon pink; very free.

### Yellow

Queen of Yellow.  $4\frac{1}{2}$  feet high; 3-inch bloom.  
Catherine. 3 feet high;  $2\frac{1}{2}$ -inch bloom.  
Canary. 3 feet high;  $2\frac{1}{2}$  inch bloom, shaded rose.  
Primrose Dane. 5 feet high; 4-inch bloom, fringed.  
Fannie Purchase.  $3\frac{1}{2}$  feet high; 3-inch bloom.

### Maroon

Mr. Moore. 6 feet high; bloom, 5-inch diameter.  
J. Vick. 5 feet; 3-inch flower.  
Client.  $5\frac{1}{2}$  feet high; 4-inch bloom, fine crimson maroon.  
Honest John. 5 feet; 4-inch blooms.  
Red Warrior. 4 feet; 3-inch blooms.  
Matchless. 4 feet high;  $4\frac{1}{2}$ -inch bloom.

## Variegated

Admiral Schley. 3 feet high; 4-inch bloom, maroon, white tips.  
Jonosksky. 3 feet high; 3-inch bloom.  
Fairy Queen. 4 feet;  $2\frac{1}{2}$ -inch bloom, salmon rose tip.  
Penelope. 3 feet; 4-inch bloom, mauve shaded white.  
Twelve selected from the above, distinct, useful, standard varieties for cutting and bedding.  
Orange King. Scarlet.  
Storm King. White.  
Queen of Yellow. Yellow.  
Lavonia. Pink.  
Countess of Lonsdale. Salmon.  
Admiral Schley. Variegated.

## Large Flowering Rare and New Varieties

Kriemhilde. Shell pink, cactus; 5 feet;  $4\frac{1}{2}$ -inch bloom. A handsome combination of pink shades. 20c.  
Black Diamond. Almost black. 4 feet; 4-inch bloom 20c.  
Eloise. Blush pink; 3 feet; 3-inch bloom. 20c.  
Philadelphia. Round; cream yellow. 20c.  
Mrs. Winter. White.  
Mrs. Van Den Dale. 4 feet high; immense bloom; soft rose. 50c.  
Gettysburg. Scarlet; 4 feet; 5-inch bloom. 30c.  
Mrs. Roosevelt. Light rose; 4 feet; 5-inch bloom. 30c.  
Fifty other leading standard varieties.

## FERN



BOSTON FERN.

Their gracefulness of foliage makes them much valued as plants for vases, basket or rock work, or as specimen plants for parlor or conservatory, and much used for cut flower work. My collection embraces the standard sorts. Adiantums, Asplenium, Pteris, Sword Fern, Polypodium, etc. 15c to 25c; 6 choice ferns, our selection of varieties, 50c to \$1.

Sword Fern. (Nepthrolepis Exaltata.) One of the most graceful and popular ferns. 15c, 25c to 50c each.  
Pierson Fern. Similar habit of Boston Fern; foliage deeply cut, one of the best for pot culture, very handsome.

Scottil. (New) Dwarf, bushy variety of Boston Fern; fine for table use; 25 to 50 cents each.

## FUCHSIA

20c; \$2 per doz; second size, 15c; \$1.50 per doz; small size, 10c; \$1 per doz, except where noted.

## New Varieties

G. Nadaud. Purple.  
Mr. Gladstone. The largest double purple, free.  
White Beauty. White, fine for pots, very free.

## Standard Varieties

Molesworth. Double white.  
Black Prince. Lavender and rose, single.  
6 other standard varieties.

## WINDOW PLANTS

Palms. 50c, 75c, \$1, \$1.50, \$2 each. 6 varieties.  
Araucaria. Norfolk Island Pine. \$1 to \$1.50.  
Rubber Plants. 75c to \$1.  
Pandanus Utilis. 50c to \$1.  
Dracaena, Indivisa, Fragrans, Terminalis, Lendenii. 35c to 75c.



**Sword Ferns.** 25c to 50c.

**Fern Balls.** 50c.

**N. Piersoni Elegantissima.** New. A miniature Boston Fern with broad leaves, deeply cut, small plants make finished specimens. Similar to Piersonii but grows only half as tall with leaves twice as wide. Small plants \$1 each.

### HOLLYHOCK. Double

Among our showy and attractive hardy plants, suitable for groups in the garden and lawn, ranging in many shades and colors, requiring but little care; remarkable for size and doubleness. Often used in some kinds of cut flower work.

Our mixtures are among the finest in variety and color. Strong plants, 15c; \$1.50 per doz. Also in separate colors of White, Yellow, Rose, Scarlet, Flesh, Black. 15c; \$1.50 per doz.

### GLOXINIA



GLOXINIA

Summer blooming bulbs for house culture, always admired; blooming from May to September. Their velvety foliage, delicate and rare tints of violet, rose, white, crimson, scarlet and spotted flowers; have gained for them prominent places among our choice plants. Give them a rich soil, in warm, moist atmosphere, shaded from the sun. When they are done blooming, dry them off gradually and keep them from moisture in a warm place of 50 to 60 degrees until they begin to grow again in the spring. Keep moist and shaded from sun; they like a tropical heat and moisture. French and English seedlings, surpassing really many of the finest named varieties. Bulbs of mixed colors from February to April, 12c; \$1.25 per doz; after April 15, from pots, 20c each.

In separate colors of Purple, Carmine, Rose, and Spotted, 15c, dry bulbs. Started in pots, 25c each.

### PALMS

Palm plants of following varieties:

**Areca Lutescens,**

**Kentia Belmoreana,**

**Kentia Fosteriana,**

**Lantana Barbonica,**

**Phoenix Reclinata,**

**Scafothria Elegans.**

25c, 50c, 75c and \$1; large plants \$1 to \$3 each.

**Fern Balls.** Dormant, 40c to 50c.

**Fern Balls.** In leaf, growing, 50c to 60c each.



PALM

**IVY, GERMAN.** A plant of rapid growth, with dark green glossy foliage, used for covering walls, arbors, and for hanging baskets. 10c and 15c.

**LANTANAS.** Handsome and easy of cultivation, blooming abundantly eight months in the year. Six varieties. 10c to 15c.

**LEMON VERBENA.** A well-known tender shrub, used for green cut flowers, noted for the delightful fragrance of its leaf. 15c and 20c.

### PANSY



PANSY

The improvements made in the varieties of pansies have rendered them extremely popular plants for early spring, summer and autumn flowering. For massing in flower beds no plant is more essential. Plants from my improved large flowering strain. From fine mixtures, 35c per doz; \$2.50 per 100.

Plants are seedlings from the very choicest varieties.

**SMILAX.** It is one of the most useful greens in cut flower work. Bulbs, 10c; \$1 per doz.

**HELIOTROPES.** Six best standard varieties in different shades.

**Chieftain.** Purple.

**Queen.** Dark.

**Golden Queen.**

**Le Glans.** Large truss, dark.

15c; \$1.50 per doz; small size, 10c; \$1 per doz.

**Peruvianum.** Very light.

**Lavender.**

**Snow Wreath.** White.

**IVY ENGLISH.** For indoor decoration, baskets, etc., the ivy is unsurpassed. 25c to \$1. Small plants, 10c and 15c; \$1 to \$1.50 per doz.

**HYDRANGEA.** See Hardy Shrubs.

### PETUNIAS, Double



DOUBLE PETUNIA

**Petunias.** 15c; \$1.50 per doz; small plants, 10c; \$1 per doz. 6 varieties, all shades and variegated; white, purple, pink, fringed, etc.

**LOBELIA.** A very useful plant for hanging baskets or ribbon beds; flowers of all shades, from white to the deepest blue. 10c to 15c; \$1 to \$1.50 per doz.



**MADEIRA VINE.** The Maderia Vine is a beautiful climber, with thick, glossy, light green, almost transparent leaves and climbing habit. Bulbs, 5c; 3 for 10c; 35c per doz.

## VERBENA



VERBENA

Our choice, 5c; 50c per doz; 25 for \$1; in colors without name.

In ordering verbenas it will be for the interest of the purchaser to leave the varieties to us. Knowing their habits enables us to select the best bedders, and in nine cases out of ten is certain to give better satisfaction.

Deep pink, large flower; white, rose margin; pink, dark eye; scarlet; scarlet, white eye; purple, white eye; dark purple; scarlet, dark

eye; blue; clear scarlet; lavender; bright scarlet; pink and white striped; dark maroon; rose, white eye; large, pure white.

**SALVIA.** Scarlet; dwarf, best scarlet. 10c; \$1 per doz; large size, 15c; \$1.50 per doz.

Four new varieties, viz.:

**Fireball.** Dwarf; early free and continual bloomer. **C. Leconteaux.** One of the most showy and compact, commencing bloom in July.

**Chretien.** A grand spike of 16 inches long, very early and profuse with large blooms.

**Alfred Ragulneau.** Noted for abundance of blooms; dwarf, compact habit, vigorous growth.

**DOUBLE TUBEROSE. Pearl.** Dwarf, flowers large and imbricated like a rose. Price, first quality bulbs, 5c; 35c per doz; \$2.50 per 100.

**New Branching Tuberose Albino.** A single flowering variety, throwing 2 to 5 flowering stems, blooming in July and August. 5c; 50c per doz.

**SWANSONIA.** In sprays, resembling Sweet Pea. 20c. Two colors, rose and white.

## VIOLETS, Sweet-Scented

For forcing in winter for cut flowers. 10c; \$1 per doz; large clumps in autumn, 20c.

**Marie Louise.** Purple, double. **Russian.** Single.

**Lady Campbell.** Light purple. **Princess.** Double.

## VINCA, Periwinkle

**Variegata.** Green leaves, edged white; for baskets, vases, urns, stumps and rock work. 15c to 25c; \$1.50 to \$2 per doz; small plants, 10c; \$1 per doz.

**Elegans.** Variegated leaves, habit same as above. 15c to 20c; \$1.50 to \$2 per doz; small plants, 10c; \$1 per doz.



## HARDY AND ORNAMENTAL

Shrubs, when once planted, remain permanent for years, continuing to grow and bloom more profusely each season. They can be planted in groups or single, and some varieties may be trained in any form by pruning. Varieties may be selected to give blooms from early spring to frost. Good culture and pruning in form increases bloom, improves foliage and every way beautifies them. Price, young plants, 20c; \$2 doz; large plants, 40c; \$4 doz; unless noted.

**Almond.** (Prunus Jap. Rubra fl. pl.) Double pink flowers. 50c. May (Prunus Jap. Alba fl. pl.) Double white flowers, beautiful. 50c. May.

**Azaleas.** Ghent Hybrids, perfectly hardy, and of many brilliant colors. Fine plants, \$1. June.

**Mollis.** A new type, flowering earlier than the Ghent and in color and form approaching the Indian varieties. 75c.

**Azalea Lutea.** Deep crimson to sulphur yellow. June. 75c.

**Althea.** Producing in midsummer bell-shaped flowers, showy, of various colors.

Double white, double rose, single white, single rose variegated.

**Barberry, Purple Leaved.** Regular and symmetrical form, dark purple leaves and yellow flowers.

**Barberry.** (Berberis Thunbergii.) A low growing shrub of arching habit; the foliage changes to many brilliant colors in the fall. 50c each. June.

**Calycanthus, Sweet-Scented Shrub.** Flowers chocolate maroon, fragrant; blooms at intervals during the season.

## HYDRANGEA

The following 4 varieties are not hardy, but grow in tubs in summer, removed to the cellar in winter, and are now largely grown for decorative plants for church and other plant decorations. Price 20c; 35c; 50c; 75c; to \$1 each.

**H. Thomas Hogg.** White flowers, measuring 4 to 6

inches in diameter. Requires winter protection in the north.

**H. Hortensis.** Grown in pots or tubs; flowers in large heads, at first white, changing to light blue and finally to a pink. Blooms from April to July.

**H. Red Branched.** Stems dark red, the flowers rose color.

**H. Otaksa.** A splendid variety; flower heads very large, white changing to lavender or rosy pink. Small plants 20c; strong blooming plants, 35c and 50c; \$4 per doz.



HYDRANGEA, RED BRANCHED

**H. Otaksa Monstora.** Flowers more full, much larger than Otaksa. On small plants blooms are very large. 50c.

**H. Paniculata Grandiflora.** The most useful and attractive of all hardy flowering shrubs, from 3 to 5



feet high, producing flowers in large, massive heads, 5 to 9 inches long and nearly as large across. It commences to bloom in July or August, continuing till destroyed by frost. By slight pruning in spring it will make a close, compact bush with more flowers than if allowed its natural growth. Requires no protection in winter.

Price, small plants, 15c; \$1.50 per doz. Medium size, 25c; \$2.25 per doz. Large 2 and 3-year-old plants, 50c; \$4 per doz.

Following, young plants, 20c each; large plants, 40c each, unless noted. \$2 to \$4 per doz.

**Viburnum Opulus.** (Snowball.) Strong growing, with large balls of white flowers, resembling balls of snow.

**Weigela Rosea.** Well known variety; compact; vigorous, fine foliage; in June is covered with blossoms of clear pink.

**Lilac.** Purple; large heads of beautiful flowers; sweet and much esteemed; blooms in June.

**Lilac Alba Grandiflora.** Large white trusses of flowers, the best white lilac; blooms in June.

**Lonicera.** (The Upright Honeysuckle.) Compact form without much pruning; bloom from 15th to 30th of May and thrive in any soil. Two varieties, white and pink.

**Mock Orange, or Syringa.** A rapid growing shrub, 5 to 7 feet high, with very fragrant white flowers. Blooms in June.

**Purple Fringe.** (Smoke Tree.) Very hardy; feathery blossoms of a purplish hue, having the appearance of smoke. It keeps in bloom from July to August. 25c; large plants, 50c.

**Rhododendrons.** Hardy, flowering shrub for lawn decoration. Flowers range through shades of rose, pink, crimson, white, etc., appearing in large "heads," 6 to 12 inches in diameter, in June, composed of from 12 to 20 flowers, which are generally spotted and feathered with various colors. Foliage large, glossy, very ornamental at all times. 1½ to 2 feet, \$1.50.

**Rhododendron Catawbiensis.** For a finished edging with R. Maximum and Kalmia the effect is pleasing and attractive. Blooms in June; color bright reddish purple. Good clump, 12 to 18 inches, bushy, \$1 each.

**Rhododendron Maximum.** Grows taller than preceding Cata., blooming about the same time. Clumps 12 to 18 inches high, 75c each.

**Spiraea Grandiflora Exochorda.** The finest of spiraeas. 3 feet high, blooming in June, flowers white, single. ½ inch across, in drooping, graceful clusters. 50c each.

**Dentzia Lemoinei.** Without doubt one of the best hardy shrubs; flowers very large and produced in broad-based, cone-shaped heads of from 20 to 30 flowers each, of purest white, which open out very full.

**Kalmia Latifolia.** A choice native evergreen shrub with shining foliage and dense clusters of pink or nearly white flowers. June. \$1 to \$1.50.

**Spiraea Thunbergii.** One of the best of low growing shrubs with delicate foliage and small white flowers in profusion in May. 20c to 40c each.

**Spiraea Augusta Multiflora.** The best early flowering white dwarf; free. 20c to 40c each.

**Spiraea Prunifolia.** Height 4 to 5 feet; flowers double in long spikes, sometimes called Bridal Wreath; blooms in May.

**Spiraea Van Houtte.** Upright growing, slender branches; flowers white, in clusters, cylindrical plumes, nearly a foot long. One of the hardiest shrubs when in bloom in June.

**St. Peter's Wort, or Snowberry.** Bears white berries in late autumn.

**White Fringe.** A small ornamental tree, white flowers, resembling fringe; last of May. 25c; strong plants, 50c.

**White Persian Lilac.** A valuable white, free flowering shrub; graceful and useful. 2 feet.

Collection of 20 varieties hardy shrubs, \$4.

**Mock Orange, M. d'Hermine.** New double white. So freely produced as to cover the plant. 35c.

**Snowberry.** Small red flowers with white balls, in fall and winter. 20c to 30c each.

**Lilac, Mdm. C. Perin.** One of the finest new double, white, large and sweet scented. 50c.

**Mdm. Lemoine.** Fine double white for forcing. 50c.

**Wiegelia, Eva Rathke.** Blooms all summer and autumn, carmine, the finest variety. 50c.

**Regosa Rosa.** Glossy foliage; insects never eat; good for hedge or groups; red and white flowering, produced all summer, followed by red fruits. 25c to 50c each.

**Magnolia, Chinese, white.** Large white flowers, open early June. \$1.50 each.

**Japanese Maples.** For spring or summer, beautiful, bursting into leaf; in autumn colors deepen and assume many beautiful tints, with narrow, deep-cut leaves of golden yellow, purplish red, rosy scarlet, and others. \$1 each.

**Berberis Thunbergii.** Dwarf, spreading habit, bushy, small green leaves with bright color in autumn, with scarlet berries.



HYDRANGEA PANICULATA GRANDIFLORA

## Hardy Bulbs, Roots or Perennials.

Hardy climbing vines are among the desirable ornamental plants, producing beautiful effects whether climbing over the veranda or clinging fast to house walls. They are used profusely in decorating the finest suburban residences, parks, cemeteries, churches, brick or stone walls, and arches.

**Ampelopsis Veitchii.** Known as Japanese or Boston Ivy. A beautiful climbing vine; smaller and more delicate than the American variety, but very hardy; much used for covering brick buildings, churches, wood or stone walls, and trellises; unsurpassed for rock work, baskets and vases. Leaves turn carmine in the fall. In many prominent cities the beautiful vine covers complete fronts for many blocks. Many churches and residences, and many small brick and wooden cottages in small and large towns, are covered with this vine. It is very hardy, and makes a growth of from 15 to 25 feet in 2 to 4 years. Several hundred thousand are sold annually. Small plants, 15c; \$1.50 per doz. Strong plants, 25c; \$2 per doz. See illustration.

**Ampelopsis Quinquifolia, or Virginia Creeper.** A rapid

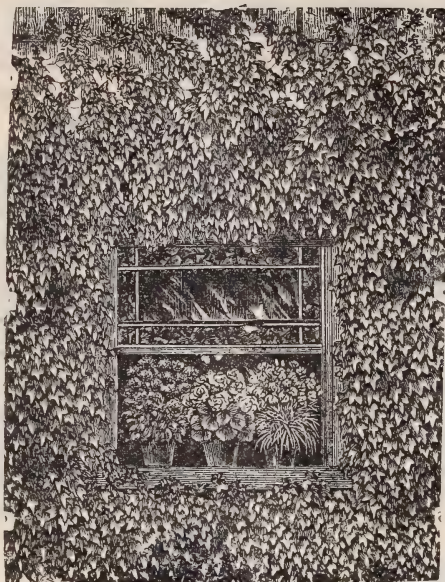
grower, clinging firmly to stone, brick or wooden walls; suitable also for verandas, porches, trunks of trees; green foliage, changing in autumn to bright crimson. 20c; 6 for \$1; 12 for \$2.

**Aristolochia, or Pipe Vine.** Sometimes called Dutchman's Pipe from the curious form of its flowers. A strong twining vine with large leaves; suitable for porches, 50c; small size, 35c.

### CLEMATIS

They are trained on screens, twine, trellis, rockery, stone walls or stumps; making one of the most attractive climbers when in bloom in the whole class; the more planted the more generally they are liked, and become more in demand yearly, producing freely rich, dark purple, lavender and white flowers of many shades. They like deep, rich sandy soil; an eastern exposure is best; partial shade and a light supply of water are needed. There are many varieties, but the few following are among the best large flowering; flowers range from 3 to 5 inches across; all hardy, but a cov-





BOSTON IVY, AMPELOPSIS VEITCHII

ering of straw in the winter is a benefit. They will grow from 5 to 15 feet in one season. The collection of the following five varieties, \$2; or 50c each for less than five.

**Clematis Paniculata.** One of the finest hardy species in cultivation; of robust habit, climbing about 12 feet high, and covered from the ground to the summit with pure white, deliciously fragrant flowers, so freely produced as to completely hide the foliage. In September flowers are followed by seed pods of bronzy red. Plants, 25c; \$2 doz.



CLEMATIS PANICULATA

**Clematis Jackmanii.** Flowers large, violet purple; 4 to 5 inches in diameter. Has proved itself the best of all hardy clematis, growing from 8 to 15 feet in one season; covered with dark violet blooms from June to September; no collection of climbing vines is complete without Clematis Jackmanii. 50c; \$5 per doz.

**Clematis Languinosa Candida.** Large, white, with delicate rose tint; the finest white. 50c.

**Clematis, the Gem.** Large, delicate lavender blue, the

best of its color; blooms from June to October. 50c; set of 5 varieties, \$2; or \$5 per doz.

**Clematis, Mme. Van Houtte.** Large size, white; blooms from June to October. 50c.

**Clematis Henryii.** Strong grower, hardy; large, white flower, free, one of the best. 50c.

### Cinnamon Vine

Beautiful summer climber; glossy foliage and fragrant flowers; stem dies down in winter, but the root is hardy. Large selected roots, 5c each; 50c per doz.



### Maderia Vine

The old favorite "Climbing Mignonette." Thick, glossy leaves, and long, hanging stems of feathery, fragrant, white flowers. Price 5c each; 50c per doz.

### Honeysuckles

Sweet-scented, hardy climbers. The foliage is glossy and clean, the flowers almost continuous, fragrant.

**Evergreen Sweet-Scented.** A hardy, vigorous grower, blooming nearly all the season; fragrant flowers, buff, yellow and white. 20c.

**Begonia Trumpet Creeper.** Grandiflora. Orange red, rapid growing vine, blooms in summer. 25c to 40c each.

**Akebia, Quin.** Small dark foliage, maroon flower in summer. Does well planted to grow with clematis. 25c.

**Hop Vine.** A rapid, hardy climber, 10 to 20 feet. 10c to 20c each.

**Everlasting Hardy Pea.** Rose or white. 25c each.

**Hardy Moon Flower.** Rapid grower, 3 or 4 years planted throw up shoots 30 feet in one season, densely covered with foliage, large white flowers. 15c.

**Wisteria Chinese.** Hardy, strong growing vine, of rapid growth, producing in June large clusters of pale blue, fragrant flowers; for verandas, balconies, growing from 10 to 30 feet in one season. 25c.

### HARDY JAPAN LILIES

Next to roses the lilies should be given an important place. Several dozen in variety will give bloom from June to October. Planted among hardy shrubs or roses the effect is pleasing, each stalk bearing from 5 to 20 flowers; to be most effective should be used freely in beds, groups, borders, or among shrubbery, thick and massive for best results. They can be naturalized by planting in tall grass or beside stream in groups. Varieties by themselves are best. Millions are sold for bedding and forcing. They thrive best in a light, rich soil, partially in the shade, and remain undisturbed a number of years, frequent removals being injurious. Once planted they continue to increase in beauty from year to year. Plant from 6 to 10 inches deep, according to the size of the bulb, and give winter protection by covering two inches deep with straw, coarse manure, or leaves. They all succeed well grown in pots. Longiflorum, Candidum and Harrisii being much forced in winter; are named in order of value for bedding.

**L. Candidum.** Waxy white flowers, in clusters; forced for winter and sometimes called Easter Lily. One of the most easily forced white varieties. The earlier planted after August or September, the better success, as they start early. Can be planted in the spring, but do not always bloom the first year. It blooms in open ground in June. 10c; \$1 per doz.

**L. Longiflorum.** Large trumpet-shaped flowers, snow white and fragrant, used largely for forcing in winter. The flower has more substance than Harrisii, keeping better when in bloom, with less odor. It blooms in June and July in the open ground, and is one of the most valuable white varieties for all purposes, forcing, cut flowers or open ground. Planted in April or May in groups, makes beautiful and attractive beds. 15c; \$1.50 per doz.

**L. Harrisii, or Bermuda Easter Lily.** Large, wax-like trumpet-shaped flowers, recurved petals. It will produce from 5 to 10 flowers or more on a stalk. It is hardy, and can be planted in spring or fall. 15c; \$1.75 per doz.

**Day Lily.** The Funkia, called the Day Lily, is much used for groups on the lawn; a neat, attractive autumn flower; plant has light green, broad foliage, prettily veined; flowers pure white, trumpet-shaped, in clusters. 20c; \$2 per doz; 25 for \$3.





LILUM AURATUM

**L. Auratum.** This is queen among lilies. Its color of white, with yellow band and crimson spots, beautiful markings, size of flower and magnificent appearance justify this. It is quite hardy, but should be planted in well drained soil. Winter protection is a benefit. Likes partial shade among shrubs, and is suited to open exposure. In low places on heavy soil, bulbs are liable to rot. High ground or well drained soil is preferred. Price 20c; \$2 per doz.

**L. Speciosum.** Of this species there are four valuable varieties which are of easy culture and very hardy; excellent for planting in groups.

**L. Rubrum or Roseum.** Both are the same variety; grows 3½ to 4 feet high, with numerous reflexed flowers, white, shaded to rose, with dark crimson spots, and one of the most important bedding varieties. 15c; \$1.50 per doz.

**L. Album.** The ordinary petals with downy white spots, 20c; \$2 per doz.

**Achillea Alba, Large Flowering.** Flowering in profusion the first summer. Hardy, and will last for years for planting amongst shrubbery or out-of-the-way places where other flowers will not grow. 15c; 4 for 50c; 12 for \$1.25.

**Astilbe Japonica. (Spirea.)** A dwarf, hardy plant, with delicate feathery trusses of small flowers that are beautiful for all kinds of ornamental work; excellent to force for winter flowers. White, 25c.

**Lily of the Valley.** The fragrance of the white flower spikes is prized in the construction of the most valuable bouquets and baskets. Large clumps, 25c; \$2 per doz. Small pips, 25c per doz; \$1.50 per 100.

## GERMAN IRIS

These hardy, herbaceous plants bloom here in May with large ornamental flowers of rich, blended colors, exquisitely striped with dark violet, purple or bronzed lines upon lighter ground. They thrive best in low situations, and can be planted in marshy places or low growing sedges on the margins of fish ponds. 15c; \$1.50 per doz. White bordered with lilac. Pale blue. Orange, lower petals brown. Bronzy red, lower petals lilac. White, petals veined with purple. Pure white.



## New Double Rudbeckia

**"Golden Glow."** Large double yellow flower, like dahlias, grow 6 feet high, one of the most valuable hardy perennials; very showy; blooms from July to October. 25c.

**PANSIES.** An endless variety of the choicest strains. 35c per doz; \$2.50 per 100.

## PAEONIES



PAEONY

Hardy, and succeed in any ground. Plant in autumn or spring. Planted in the garden or grouped on the lawn in a bed with a variety of colors are very attractive. Lilies, Gladiolas, Phlox, Sweet William, Tritoma, may be planted in the same bed to make a succession of bloom when the paeony flowers are past.

**Pink, Salmon, Magenta.** 25c.

**White, Dark Red.** 30c; \$2.50 per doz.

Price, 15c each; \$1.50 per doz, unless noted.

## HELIANTHUS

**Helianthus, Dwarf Double, or Hardy Double Sunflower.** Grows 3 to 4 feet high, with an abundance of double yellow flowers about 3 to 4 inches in diameter, which last a long time. Increased by division of roots; living in open ground all winter. Arranged in groups in the garden or lawn, or for cut flowers in autumn, it is highly prized. 15c; \$1.50 per doz.

**Aquilegia. (Honeysuckle or Columbine.)** Early summer blooming, 1½ feet. Succeeds everywhere.

**California Hybrid.** One of the finest mixtures, double, all shades.

**Baltonia.** Single flowers, blooms in August and September, with hundreds of showy flowers. 4 feet. White or pink.

**Bellis. (Hardy English Daisy.)** Double, white or rose. 10c; \$1 per doz.

**Campanula Carpatia.** Eight inches high, in a round mass, flowers 1 inch across, white or blue.

**Camp. Persifolia Alba.** Two feet, white flowers in June or July.

**C. Persifolia Gigantea Moerheimi.** New spikes of white, double flowers, 2 inches diameter; blooms from May to July, fine. 25c.

**C. Pyramidalis.** Blue flowers, in September.

**C. Rotundifolia. (Bluebells of Scotland.)** One foot, blue flowers, June to August.

**Hardy Cactus.** Endure 20 degrees below zero, 6 varieties for rock work or borders.

**Hedgehog. Green flowered, Gay spined; 3 other varieties.** 25c each.

**Coreopsis Lanceolata Grandiflora.** Blooms in summer and autumn, graceful, yellow, deep cut flowers, 2½ feet high; valuable for cutting.

**Delphinium. (Hardy Larkspur.)** Chinese. 18 inches, all shades of blue and white.

**Formosum.** Dark blue, 4 feet, blooms from June to frost.

**Mixed Hybrids.** All shades and colors in Larkspurs mixed.

**Dictamnus. (Gas Plant.)** White.

**Dialetra. (Bleeding Heart.)**

**Dianthus Barbatius. (Sweet William.)** All colors.

**Digitalis. (Foxglove.)** Gloxiniaeflora, all colors from white to pink in best varieties, 15 to 25c each. \$1.50 to \$2.50 doz. Sorts.

**Funkia.** Large clusters of white flowers in autumn; attractive in groups on the lawn in summer and fall.

**Gloechoma. (Variegated Ground Ivy.)** For rockery, baskets, etc. 10c.

**Gypsophila. (Baby's Breath.)** **Paniculata.** Blooms in August, fine white flower for bouquets.

**G. Repens.** Fine white flower, blooms in July.

**BAMBOOS.** Arranged with grasses, or tropical arrangements on lawns, or in ponds; hardy. **Aurea**, 15 to 20 feet. **Metake**, green foliage, 10 feet. Three other varieties, 3 to 10 feet. 50c to \$1 each.

**Hardy Ornamental Grass. Zebrina, Japonica, Variegated,** and other. 25c each.

**Helianthus Multiflora,** other varieties. 15c.

**Helenium Pumilum.** 15c.

**Hemoeocalis. Yellow Day Lily.** Early and late variety and double red flowering. 15c.

**Hibiscus. (Mallow.)** Three varieties. 15c.

**Hollyhocks.** Six varieties. 15c; \$1.50 per doz.

**IRIS. German, Japanese, Siberian.** In best variety. 15c each.

**Lychnis, Alpine.** 15c each.

**Montbretia Crocos-maeflora.** One of the most showy of summer-flowering plants. Planted 6 inches apart in a group in a sunny position and allowed to remain undisturbed for several years, they form magnificent clumps, producing in great numbers graceful spikes bearing from 18 to 30 showy star-shaped flowers of orange suffused with red. They flower freely the first season. Price, 3 for 10c; 30c per doz.

**Myositis. (Forget-me-not.)** Small blue flowers in May.

**Papavia, Oriental, and Iceland Poppies.** 15c. In variety of colors. \*

**PHLOX, HARDY.**

**E. Comte. Crimson.**

**Bridesmaid. White, salmon eye.**

**Jeanne de Arc. Late white.**

**A. Hoffer.**

**Pantheon. Salmon.**

**Calabri. White, rose eye.**

Six other standard sorts. 15c each; \$1.50 doz.

**Hardy Garden Pinks.** Six named varieties.

**New Everblooming Pinks.** Bloom from June to Autumn. Four varieties, Pink, White, Crimson, delicate Rose. 25c each. Are hardy and endure our cold winters.

**Platycodon. (Japan Bell Flower.)** Blue and white. 15c.

**Primula. Japan Primrose.** Bloom in early summer, large flowers of white to crimson. 15c.

**P. Sieboldi. White, crimson, etc.**

**P. Delicata. Pink.**



C. Veris Superba. Giant.  
 P. English Cowslip. 1 to 2-inch flower, truss 10 to 15 inches circumference.  
 P. Alba Mag. Large white.  
 Scabiosa Caucasica. Bloom in June to September, blue and white. 15c.  
 Stokesia Cyanea. (Stokes' Aster.) 18 inches. From July to October. Blue flowers, 4 inches across, for masses or border, and good for cutting. 15c.

Tritoma Uveria and Pfizeri. 15c; \$1.50 per doz.

Viola or Tufted Pansies. (Viola Cornuta.) Improved forms of bedding plants largely used throughout Europe, little known here; certain to become favorites. In partly shaded places blooms 8 months in the year; not as large as pansies, bright colors and free blooming, are welcome additions to the flower garden. In colors of purple, yellow, lilac, white. 50c per doz.

# SMALL FRUITS

## STRAWBERRIES

### Culture of the Strawberry

**Soil.** Will grow upon most soils. Never plant in very or very wet land. Sandy loam, with clay subsoil, suits most varieties. Many best flavored late sorts thrive best on heavy land; those upon sandy soil ripen earlier, extending the fruit season from one to two weeks by planting early and late varieties upon early and late soil. Try several varieties of early, medium and late sorts; cultivate those that give best results.

**Manure.** Stable manure, applied broadcast, mixing with a harrow, rake or digging fork, is the most beneficial. When this cannot be had, guano, bone, superphosphate and ashes can be used with good results, applying broadcast, mixing well with the soil with rake or harrow.

**Cultivation.** Plant in spring or early fall. If the ground is not ready, loosen the bundles and heel in, in some shady place. For garden culture make the rows 18 inches apart, and set the plants 12 inches apart in the rows, leaving 2 feet every fourth row. For field culture make the rows 3 to 4 feet apart, and set the plants 12 inches apart in rows, so they can be cultivated with a horse. In planting mark rows: a small boy can drop plants; then, with your trowel in your right hand, make a hole large enough to admit all the roots of the plants without crowding or bending them, covering the roots carefully and pressing the earth very firmly around them.

Make ground level. The most important part in planting is to be careful not to plant them so deep as to cover the crown. To secure a good yield, and have large, healthy plants the year after planting, they should not be allowed to bear the first season, cutting off all runners before the tips take root, and keeping the ground loose and free from weeds. As soon as the ground freezes in the fall cover with straw or coarse litter. Only light covering is necessary to shade the plants from the sun; continual thawing and freezing injures the fruit bud. In the spring remove the straw from the vines into the rows, leaving it for mulch; is also beneficial in keeping down the weeds. In order to secure a full crop every year a new bed should be set out every second year.

**Hills or Matted Rows.** If you wish to grow large fruit keep runners off; let them form large stools. If choice fruit is no object, runners may be allowed to grow. The hill system is considered best by nearly all growers, as they can easily be cultivated and kept in bearing a year longer.

I exercise care in keeping stock pure, renewing each year beds I send stock from, keeping each variety by itself. They are tied in bundles and packed especially to endure long transportation.



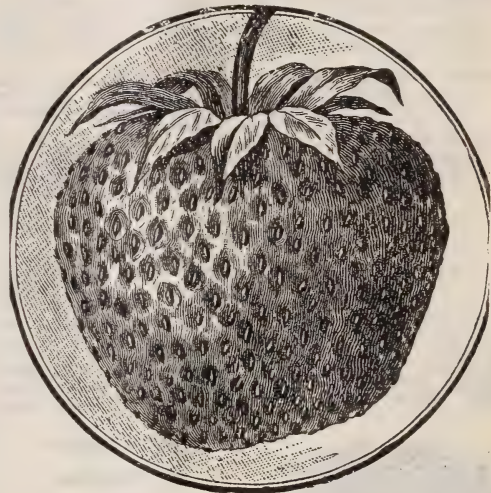
SAMPLE

**POTTED PLANTS.** July, August and September are the months for planting potted plants, being the safest method in dry, hot weather, while the purchaser will

realize one-half to nearly a full crop within 10 months after time of planting. Those who are obliged to delay spring planting send for strawberry circular of potted plants in July. All who purchase goods of any kind this spring will receive it as soon as ready for mailing and need not write for it.

For family berries plant **BUBACH, W. BELT, MCKINLEY, CHAMPION OF ENGLAND, FOUNTAIN.**

**Sample.** Prolific and a fine strawberry in many ways. Berries large and continue large throughout the season; roundish conical in form, attractive, quite firm, good flavor. Plant a strong grower, healthy foliage, and succeeds upon a wide range of soil—although it prefers rather heavy land. It has rapidly become popular and continues to become more so from year to year. Doz, 20c; 100, \$1; 1000, \$5.



WILLIAM BELT

**Wm. Belt.** Plant vigorous, succeeds upon almost all kinds of soils, yields heavily; berries are always large size, high quality. Shown in illustration; often cocks-combed first and second pickings. Flesh solid, meaty, deep crimson; blossoms large with abundant pollen. Ripen quite early; continues until almost the close of the season, the last berries being large, handsome and full-flavored. Doz, 20c; 100, 75c; 1000, \$5.

**McKinley.** The most delicious in flavor of any variety; of large size, handsome appearance. The plant is robust, healthy and prolific, producing berries of superior richness and high flavor in profusion, lacks firmness, choice for those who wish fruit for their own tables. It pays to give it liberal culture, but it is such a strong grower it succeeds under ordinary treatment and yields a satisfactory crop. Ripens in mid-season. 20c per doz; \$1 per 100.

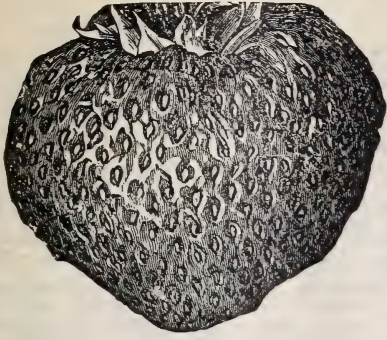
**Brandywine.** Of the newer varieties this is the most promising. Berries average large, firm and solid, red to the core, juicy and rich flavor. Its productiveness, size and quantity are wonderful; plants vigorous and hardy; ripens midseason to late; perfect flowering. 20c per doz; \$1 per 100.

**Clyde.** Early, as large as Bubach, a week earlier, perfect flower. 20c per doz; \$1 per 100.

**Enormous.** Resembles Bubach, but plant a better grower and larger foliage; fruit larger and more firm, flesh deep in color, surface glossy; often berries are fan shape and enormous in size. 20c per doz; \$1 per 100.

**Splendid.** Like Crescent a great plant producer, blooms





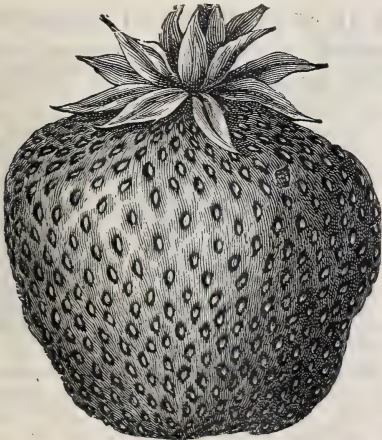
MCKINLEY

perfect. In growing for fruit keep plants thinned out to about 3 feet apart. Quality of fruit good. 25c. per doz; \$1 per 100.

**Windsor Chief.** Deep crimson, fruit large, ripens above medium, holding out late. 20c per doz; 75c per 100.

**Fountain.** Stout, robust grower; blooms perfect, and so productive as to appear like one mass of red; at home on any soil, and for firmness, good size, productiveness, all that one variety could be asked for; as a fertilizer for imperfect blooms one of the best. 20c per doz; 75c per 100; \$4.00 per 1000.

**Champion of England.** An English variety. Plant a healthy, strong grower, perfect blooms; medium early, fruit large, often 6 inches in circumference; 14 berries have been picked and filled a quart basket; quite firm; bright, glossy surface. 25c per doz; \$1 per 100.



FOUNTAIN

**Prolific Late.** The most productive late variety. It matures with the very latest; flowers are imperfect (the Lovett will fertilize it); like most imperfect flowering varieties it is very productive. The fruit of Allen's Prolific Late lay in one red mass, a quart at one picking easily gathered from 4 to 6 feet of ground on well grown plants. The berries are good size, firm, good color, hold out in size till late; flavor better than other very productive varieties. 20c per doz; 75c per 100; \$4 per 1000.

**Crescent.** (P.) One of the best for all soils, strong grower, very productive, early, medium size, good for home market, flavor medium; will stand more poor care than most sorts and yet yield good crops; pistillate. 20c per doz; 75c per 100; \$3 per 1000.

**Bubach.** (P.) Medium large and uniform size, fine color and form, good quality, productive and hardy; leaves large and dark green, carry every blossom to a perfect berry. 20c per doz; 5c per 100; \$5 per 1000.

**Lester Lovett.** A profitable late variety. 25c per doz; \$1 per 100.

**Dornan or Uncle Jim.** Very large, handsome, late, firm, productive. 50c per doz.

## NEW STRAWBERRIES

**COMMONWEALTH.** As large as the largest, solid dark red, and flavor as good as the best; late, berries being picked as late as July 22. The plant is hardy,

strong grower. Awarded 1st prize by Massachusetts Horticultural society. 25c per doz; \$1 per 100.

**MILLER.** For beauty, productiveness, rich flavor, extra heavy foliage, it has great contrast from other varieties. 25c per doz; \$1 per 100.

**MORNING STAR.** A very early berry, yielding in abundance large and beautiful fruit of highest quality. In this we have everything in a first-class strawberry 10 days earlier than any variety producing large berries. 50c per doz; \$1 per 100.

**MARK HANNA.** This is unusually large in size, also in plant and yield. Midseason in ripening, very promising market variety, fine quality. 25c per doz; \$1 per 100.

**CLIMAX.** In Delaware it has created intense excitement by its enormous yield, which is said to have been 25,000 quarts per acre. A superb grower, firm, good size, handsome, excellent quality; a remarkable and distinct variety. 25c per doz; \$1 per 100.

**MIDNIGHT.** Extra late and large. 25c per doz; \$1 per 100.

**ARAZONA.** Early, medium, late. A California ever-bearing. It comes the nearest to this of any variety tested. Berries are large, rich and productive. 50c per doz.

When ordered by mail add 15 cents per 100 for layers to pay postage.

## CURRENTS

**Culture.** The same as raspberries; do best in a cool situation. Plant in rows in open ground, 4 by 3 feet. Give good culture and rich soil if you wish good crops, keeping clear from grass and weeds; mulching during June and July will be beneficial.

**Fay's Prolific.** The size of the Cherry and the prolific bearing of the Red Dutch; less tart than any red variety, requiring but little sugar.

**Two Year.** 10c; 75c per doz.

**Black Naples.** 10c; \$1 per doz.

**Cherry.** Large, good for market. 10c; \$1 per doz.

**Red Dutch.** Strong grower and abundant bearer; fruit medium size. \$1 per doz.

**Versailles.** Very large, for table. 10c; \$1 per doz.

**White Grape.** Very large, the best white. 10c; \$1 per doz.

**Red Cross.** Fruit large, stem long, bright red, mild flavor, the best new currant. 1 year plants, 12c; \$1.25 per doz.

## BLACKBERRIES

**Snyder.** Excellent quality, rich and sweet; ripens early, very hardy; the most largely grown. 50c per doz; \$2 per 100.

**Kittatinny.** Good for general cultivation. 50c per doz.

**Taylor's Prolific.** Hardy, prolific, and one of the best. 50c per doz; \$2 per 100.

## HARDY GRAPES



WORDEN

**Culture.** Plant 6 feet apart and the vines 8 feet apart in rows. Dig holes 15 inches deep and large enough to accommodate the roots. They should then be filled with in 6 or 8 inches of the top with fine, rich soil, throwing in a few bones or wood ashes. Cut back one-year vines



to 2 or 3 eyes, planting 1 to 2 eyes below the surface. Spread out the roots, place the stock of the vine at one side of the hole and fill with fine soil, pressing it firmly. Set a stake at the stock (to which the vine should be kept tied) which will support for two years. Keep old wood trimmed off, growing fruit on new canes. Any manner of pruning that will admit the sun to the fruit will insure a good crop.

For good crop of grapes every year you can depend upon Worden, Moore's Early, Green Mountain.

### New Grapes

**Campbell's Early.** New, of Concord type, larger, of great promise; very hardy, ripens very early, quality fine, and a long keeper. One-year vines, 25c; two-year, 35c.

**Green Mountain.** Extra early, delicious flavor; vigorous, originating in this state; bears young and profusely, very hardy; color greenish white, bunches good sized and well formed, ripens three weeks earlier than the Concord. Two-year vines, 25c; \$2.25 per doz.

**Moyer.** Hardiness, quality, and size of cluster resemble the Delaware; ripens with the earliest, has larger berries. Very sweet as soon as colored; early as Champion. Two-year vines, 25c.

**Early Ohio.** Ten days earlier than Worden or Moore's. Two or three weeks earlier than Concord. It is the best very early black grape. 25c.

### General Collections

**NIAGARA.** Hardy, strong grower; bunches large and compact, often weighing 12 to 15 ounces each; berries large, of greenish white; skin thin and tough; keeps well, ripens with Concord; one of the best, sweetest and finest flavored. Two-year vines, 20c; \$2 per doz.

**Worden.** No variety on the list gives more general satisfaction. It produces a large, handsome bunch; berry of the finest flavor, ripening 10 days before the Concord, and never fails to ripen a crop every year in this section by the last of August or early September. Color, blue-black. Size, flavor, color, cluster, large berry, early ripening, is always in demand. Two-year vines, 20c; \$2 per doz.

**Moore's Early.** Early black grape, much planted in place of Concord; quality better than Concord, bunch and berry very large; color, black with a heavy bloom, ripening from 10 to 14 days earlier. One-year vines, 20c; two-year vines, 25c; \$2 per doz.

**Agawam.** (No. 15.) Large red, excellent quality, a strong grower, productive; ripens early. 20c.

**Wilden.** (Rogers No. 4.) One of the finest in quality of all the hardy black grapes. Two-year vines, 20c.

**Concord.** The old standard black grape for general cultivation. 15c; \$1.50 per doz.

**Delaware.** Red, sweet and delicious. 25c; \$2 per doz.

**Salem.** (Rogers No. 54.) Large red. 25c.

### RASPBERRIES



RED RASPBERRIES, CUTHBERT

#### Black Varieties

**Souhegan, or Tyler.** Hardy, productive, 10 days earlier than other black varieties, strong and vigorous. 40c per doz; \$1.75 per 100.

**Gregg.** Large size, excellent quality, a good black cap raspberry on account of its shipping qualities; the latest variety. 40c per doz; \$1.75 per 100.

**Cumberland.** A productive black cap. 50c per doz.

**Kansas.** Medium early, vigorous.

Any order for small fruits to the amount of \$3 or over, the purchaser can select, from single rates only, \$3.60 worth for \$3.

### Red Varieties

**Shaffer's Colossal.** Of a brownish red, propagating from tip plants; very hardy. 50c per doz.

**Cuthbert.** Strong grower, fruit large, bright red; one of the best in quality; productive, continuing for a long time in bearing. 40c per doz; \$1.50 per 100.

**Golden Queen.** One of the best yellow varieties. 50c per doz.

### FRUIT TREES

**PLUMS.** Four leading standard varieties, 50c; \$5 per doz. **Yellow Egg.** Large yellow, ripens in August. **Lombard.** Reddish purple, August. **Bradshaw.** Large purple, August. **Satasuma.** Red, flesh fine. **Moore's Arctic.** Large, dark purple. Japanese.

**Plum Abundance.** A variety for everybody, medium size, yellowish red, ripens in August; bears second year from planting. A sure cropper and very prolific, sweet and every way fine. 50c; \$5 per doz.

**CHERRIES.** Gov. Wood. Light yellow, sweet. **English Murrello.** E. Richmond. Red, sour, early. **Blk. Tartarian.** Dark red, large, sweet. Other leading sorts. 50c; \$5 doz.

**PEACHES.** **Alexandria.** E. Crawford. **Hale's Early.** Crosby, Elberta, and others. 4½ to 5 feet. 25c; \$2 per doz.

**PEARS.** Pear tree 5 to 6 feet high of **Bartlett**, **Clapp's Favorite**, **Sheldon**, early, medium and late standard varieties. 50c; \$5 per doz; \$30 per 100. Other leading varieties, 50c; \$5 doz.

**APPLES.** Five to six feet, standard sorts. 25c to 35c; \$2.50 to \$3.50 per doz. **Baldwin**, **Greening**, **Astrachan**, **Golden Sweet**, **E. Harvest**, **Fameuse**, **R. Russet**, **Spy**, **Transcendent Crab**.



### THE WONDERFUL LEMON

**PONDEROSA.** Nothing that has ever been brought to notice in the plant line has caused half the commotion that this wonderful Lemon has. The sales one year amounted to 50,000 plants. It is a true ever-bearing variety. On a plant 6 feet high no less than 89 of these ponderous lemons were growing at the same time. It was a beautiful sight to see. The tree was blooming and at the same time had fruit in all stages of development, from the size of a pea up to the ripe fruit, showing it to be a true ever-bearer. It blooms and bears fruit when quite small, and you do not have to wait 4 or 5 years to get fruit. Fruit has been taken from this tree weighing over four pounds. The lemons will average 2½ to 3 pounds. Now this may seem to you like a fairy tale, but it is a fact that this is the largest lemon known. The lemons have very thin rind for such large fruit. It is the juiciest of all lemons, makes delicious lemonade, and for culinary purposes cannot be excelled. It is not uncommon to make 12 lemon pies from one lemon. All who have tasted this lemon unite in saying that for delicious flavor no other lemon can approach it. Ponderosa is the largest, juiciest, richest flavored lemon ever produced. Thrifty young plants, 20c each; 3 for 50c; large plants, 5-inch pots, 50c, 75c, \$1 each.

### ASPARAGUS ROOTS

**Conover's and Moore's**  
**Cross Bred.** One-year-old roots, 70c per 100; by mail 90c.

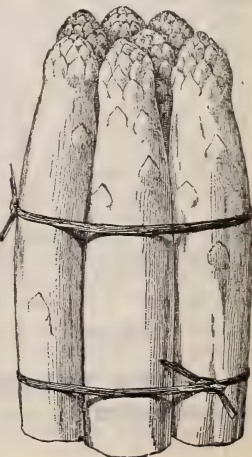
Two-year-old roots  
\$1 per 100; by mail  
\$1.20.

Per 1000, one-year-old, \$4; two-year-old, \$5; three-year-old, \$6.

**PALMETTO.** One-year roots, per 100, 70c; per doz 20c; \$4 per 1000.

Two-year-old roots, 25c per doz; \$1 per 100; \$5 per 1000.

Three-year-old roots, per 1000, \$6.





## VEGETABLE PLANTS

**CABBAGE PLANTS.** Ready in April, Early Wakefield, Henderson's Summer, Early Winningstadt, 65c per 100; 12c per doz, \$5 per 1000.

**CABBAGE PLANTS.** Late. Ready in June. All Seasons, Warren, Large Flat Dutch, Stone Mason, Drumhead, Marblehead Mammoth, Flat Dutch, Red Drumhead, Winningstadt, Fottler's Drumhead, Savoy, and other leading sorts. 25c per 100; \$2 per 1000.

**CAULIFLOWER PLANTS.** Early Erfurt, Early Paris, Early Snowball. In hot bed, 20c per doz; \$1 per 100; late, ready in July, 12c per doz; 70c per 100.

**CELERY.** Golden Self Bleaching, White Plume, Golden Dwarf, Dwarf White, Solid Giant Pascal, ready in July. 75c per 100; \$5 per 1000.

**EGG PLANT.** New York Improved Purple, 5c; 50c per doz.

**TOMATO PLANTS.** Beauty, Dwarf Champion. Comrade, Perfection, Atlantic Prize, Ponderosa, Yellow Plum, Stone. 35c per doz; \$2 per 100.

**PEPPER PLANTS.** Large Sweet Mountain, Belle and Cayenne. 25c per doz; \$1.50 per 100.

**LETTUCE PLANTS.** 12c per doz; 75c per 100.

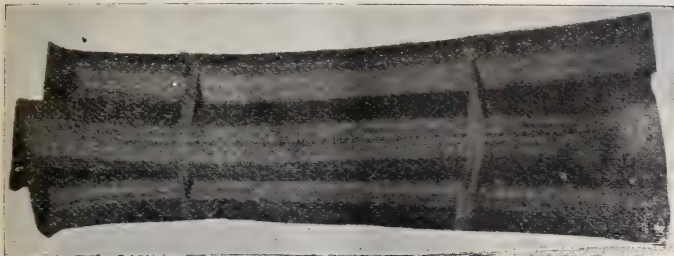
## Rhubarb Plants

Victoria. 15c; \$1.50 per doz.

New Mammoth. Stalks weigh 2 or 3 lbs. each; tender, fine, 25c; \$2 per doz.

## NEW RHUBARB

Allen's Mammoth. This new Mammoth Rhubarb is certainly the largest and most attractive variety known, and for sauce, pies, or anything where rhubarb is used, it is equal to any variety for flavor and tenderness. It is of remarkably large size, six stalks weigh 12 to 15 pounds, 15 to 18 inches long, often 6 to 7 inches in circumference, and 2 inches thick. The leaves will often measure, under high cultivation, 2 by 3 feet. While it equals any rhubarb in quality and tenderness, it is not as early as Victoria, but fit to cut a few days later. The progressive market gardener, who is up with the times and wishes to outdo his fellow gardeners, will find this new rhubarb will outsell any other variety in the market. The cut below represents six stalks cut from one plant, weighing 12 pounds, by photograph, season of 1896. If you wish to keep in advance of your neighbor you should have this Mammoth Rhubarb for market. Adapted to forcing or open ground and as easily grown as any rhubarb, but likes high culture. Good one-eye roots, 25c; by express, 6 roots \$1.25; 12 roots \$2; per 100 \$12.



ALLEN'S MAMMOTH RHUBARB

## Palms and Decorative Plants



**Kentia Fosteriana.** Strong, tall grower; thrives in any situation. The leaves are deep, glossy green, fan-shaped, and split deeply into segments. Strong plants from 3-inch pots, 25c each; large plants, 4, 5 and 6-inch pots by express, 50c, 75c, \$1 to \$1.50.

**Kentia Belmoreana.** Of a dwarfier habit, but more compact and spreading. Strong grower. 25c each; large plants, 4, 5 and 6-inch pots, 50c, 75c, \$1, \$1.50 each by express.

**Norfolk Island Pine.** Resembles a miniature evergreen of perfect symmetry and graceful proportions. Splendid for house culture. Dark green branches arranged in perfect whorls; unique and graceful; easy to manage and highly decorative. Large plants from 5-inch pots, four tiers, \$1.25 each, by express.

**Areca Lutescens.** Glossy, green leaves, gracefully curved on slender stems. Strong plants, from 3-inch pots, 25c each; larger plants, from 4, 5 and 6-inch pots, 50c, 75c, \$1, \$1.25 each, by express.

**Cocos Weddeliana.** Elegant and graceful small Palm. Gracefully arching leaves of rich green color, similar to Fern. Fine for fern dishes. Strong plants, 12 to 15 inches high, from 4-inch pots, 50c each.

**Boston Fern.** The best and most popular decorative plant now known. Immense, graceful drooping fronds, 2 to 5 feet long, arching over like plumes. 15c each, 4, 5 and 6-inch pot plants. 25c to 50c each, by express.

**Latana Borbonica.** No better palm than this; easily grown; quickly attains a large size; large, deeply divided, fan-shaped leaves. Strong plants from 4-inch pots, 25c each; large plants from 6-inch pots, 75c to \$1 each, by express.

**Grevillea Robusta.** (The Australian Silk Tree.) Quick-growing than a palm, and equally effective. Fine-ly cut foliage like a fern. 25c each.

**Dracaena Indivisa.** Rare and an exceedingly rapid grower; not affected by sunshine, storm or drouth; forms a palm-like tree. Does well indoors or in the open ground. 15c each; 4 for 50c; 9 for \$1.

**Emerald Feather.** (Asparagus Sprengeri.) For planting in pots, vases or hanging baskets. It droops most naturally, sending out numerous feathery emerald-green fronds; which in a short time make a growth of 3 to 4 feet, forming an exquisitely handsome and striking picture. A well-established plant is literally a mass of emerald green. Strong plants from 4-inch pots, 25c each.

**Asparagus Plumosis.** Foliage surpasses a maidenhair fern, resembling the finest lace. 25c each; 3 for 50c.

**Asparagus Decumbens.** The most beautiful for baskets. 25c.

**Baby Primrose.** One of the daintiest new plants that has been introduced for years. Bears on long stems flowers of delicate rose color, blooms remain fresh for two weeks after cutting. Blooms continuously. Will grow in almost any situation, hot or cold. Strong plants, 20c each.

**Japanese Fern Ball.** A grand novelty, extremely ornamental. When it becomes better known, will be one of the most popular of all plants. The Japanese prepare this plant by fastening the creeping stems of *Davallia Bullata* around a ball of moss, while in a dormant condition. When wanted to grow it need only be immersed in water and hung up in the living room, greenhouse or conservatory. We offer plants, imported direct from Japan, 50c to 75c each, by express only, in full growth.

**Lace Fern.** Low growing, exceedingly graceful and thrives in almost any situation. Destined to become popular, owing to its beauty and ease of culture. Fine plants from 4-inch pots, 25c each.

**Acalypha Triumphans.** One of the most popular foliage plants ever seen. Makes a compact plant of splendid dimensions. Large foliage, very heavy and showy. The predominant color is red marbled lighter and darker, streaked and dashed green and yellow, white and other colors; has all the autumnal tints. Is as attractive as a Croton. Strong plants, 20c each.

**Crotons.** Splendid for piazza or window garden. Variegated leaves of every color. A grand bedding plant. 25c each.

**New Begonia, Gloire de Lorraine.** The greatest of all Begonias. Grows from 10 to 12 inches high. Throughout the entire winter completely hidden with soft rosy-pink flowers. This is one of the great plant novelties of the year, specimen plants selling from \$1 to \$2 each. We offer strong plants, 35 to 50c each.



# NEW AND RARE Flower and Vegetable Seed



## Noroton's Beauty, Extra-Early Potato

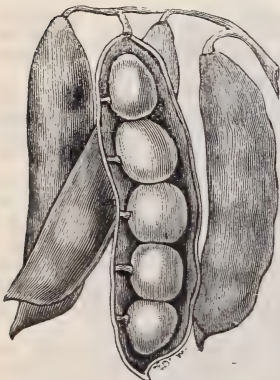
The earliest potato grown. The most productive extra early, yielding as heavily as any of the medium early sorts. Handsomer in appearance, uniform in size and shape. Table quality superb, keeps longer than any other sort, early or late. The best all-round potato. A lineal descendant of the famous Peachblow, a seedling from a seedling of that variety. On trial beside other leading extra early potatoes proved 5 to 10 days earlier. One lb. 25c; 3 lbs. 60c; 1 pk. \$1.00; ½ bushel, \$1.65; 1 bushel, \$3.25.

## BEANS

### Golden Carmine Pole Bean

A new strain of Horticultural Pole. Excels in earliness, quality, handsome appearance and productiveness. A robust grower, a week earlier than Horticultural Pole. The pods are large, stringless, bright-golden color when very young. As they approach full size, they are mottled and streaked with an unusually bright carmine color on the bright golden, which gives them a beautiful and attractive appearance. Price per ½ pint, 15c; per pt, 25c; per qt, 35c, by mail 43c.

### Improved Pole Lima



A cross between the Dreer's Improved and the Large White, with result of the thick seeded, close setting qualities of the former and increased size of the latter. It matures early and will shell 50 per cent. more to the measured bushel than the large podded varieties. Price per ½ pt, 10c; per qt, 35c.

**Worcester Pole Bean.** A favorite with market gardeners. The largest bean, the brightest pod, the longest keeper, and the most productive. Since the introduction of Worcester Pole it has grown in favor, and one seedsman sells more than all the other varieties of pole beans together. This seed has been very carefully selected for the past few seasons and has been improved, until now practically every bean is perfect. Grown for several years by the leading market gardeners, and has always been able to command 25 and 50 cents per bushel more than other varieties of beans, as they are always of such bright carmine color, and would keep longer than any other variety after being picked. The vine is a very vigorous grower, with large, light colored leaves and purple blossoms. Pods large, bright carmine, slightly

streaked, very handsome, and exceedingly productive. Beans large, ovate, splashed and spotted with red, and of the highest quality as a shell bean, either green or dry. For the market gardener we believe the Worcester Pole Bean far superior to any now on the market. Pkt, 10c; pt, 15c; qt, 30c; postage, 8c additional.

### Black Red Blood Turnip Beet

Extra early, very dark red flesh, globe shaped and small black-red shiny leaves. Particularly valuable for the market garden trade. Price per pkt, 5c; per oz, 10c; per lb, 80c.

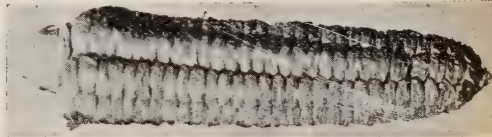
### Extra Early Volga Cabbage

ALSO KNOWN AS "FIRST EARLY, GLORY."



A flat head, fully as early in maturing as Early Wakefield. The heads are solid, leaves tender, free from coarseness. The plants may be set as close in the field as the Wakefield, and can be depended upon to head well. It possesses the important qualities of extra early and large size; maturing before Early Summer with larger heads. Leading judges believe this will be the leading early market cabbage in the United States. Pkt, 10c; oz, 30c; ¼ lb, 75c.

## CORN



PREMO SWEET CORN

**Premo.** A new, extra early sweet corn, much earlier than Cory, with ears 1 to 2 inches longer. This extreme earliness has been attained, also increasing its size and quality. It can be planted very early without the seed rotting in the ground from cold, being very hardy, vigorous and prolific. Pkt, 10c; pint, 15c; qt, 30c.

**Peep-o'-Day Sweet Corn.** Ten to 14 days earlier than any other. Very sweet for extra early variety. Grows 3½ to 4½ feet high and bears from two to five ears each. Being small stalks will stand close planting; if in hills, 6 to 7 kernels, thinning out to leave 4 plants; if in rows, drop the seed from 6 to 8 inches apart. Market gardeners should try this. Quality combined with earliness brings demand and good prices. Price, pkt, 10c; pt, 15c; qt, 30c; postage paid, 30c; 4 qts, \$1.00.



## White Mexican Sugar Corn.

A white variety which has the good quality of sweetness and flavor of the old dark type.

One of the very earliest varieties to mature, furnishing edible ears from four to six days ahead of the Cory. 4 to 4½ feet tall, vigorous, healthy and productive. Ears, in size and shape, are like those of the Black Mexican.

Is claimed for the White Mexican, a leading place in the very early sorts, owing to its deliciously sweet and fine flavor.

Price, by mail, postpaid, pkt, 15c.

## New Asparagus

**Early French Giant.** This new sort is a great improvement on the Palmetto. The roots were imported from M. Louis Argenteuil of France, and have proven this new asparagus to be 10 days earlier than Palmetto, larger size, and superior in flavor and color. In New York market it sold for \$6 per dozen, while other varieties only brought \$1.50 to \$2 per dozen. It is by far the most promising asparagus, as a money maker, that can be grown. Our seed and roots are from the original importation that has attracted so much attention and sold so high in New



York. Prices of seed, pkt, 5c; oz, 15c. One-year roots, 35c per doz; \$2 per 100.

## Cucumber

**Cumberland.** A new pickling variety of great merit; hardy, rapid growing, prolific, of the White Spine type. The entire surface, except the extreme end, is thickly set with spines during the whole period of growth. Form very straight, being equally as choice for a slicing variety; flesh crisp at all stages. It is sent out as the best pickling cucumber known. Pkt, 10c.

## PEAS

**NEW PROLIFIC EARLY MARKET.** While it is 3 to 4 days later than the first early sorts, it is 30 to 50 per cent. more prolific. With three years' experience is practically as early as the first of all, and distinctly more prolific. The introducers thus speak of it: "Ten years ago the writer selected a very productive plant of an extra early pea, having an exceptionally long pod. From this, during the last 10 years, was produced what we call the Prolific Early Market. Our tests of this pea during '94, '96 and '97 showed it to blossom two days later than our earliest and best strain Extra Early, and in the development of pods suitable for picking, 3 or 4 days behind; but the remarkable productiveness and length of pod have followed this strain through all these years, many of the plants this season, 1900, containing 40 to 50 fully developed pods as the result of one seed sown; and I believe this pea will give a yield of 30 to 50 per cent. more than any other strain of extra early I know of." Resembles the seed of the hard, round, extra early sorts. But the point or characteristic is that this variety is very prolific, a thing of extreme importance in a first early pea. Pkt, 10c; pint, 20c; qt, 30c; 2 qts, 50c, postpaid. Pk, \$1.50.

**THOMAS LAXTON.** The pods are nearly as large as those of Gradus, maturing in about the same time, while in productiveness excels other extra early wrinkled sorts. Vines similar to that of Gradus but darker in color. Pods large, long, with square ends. Recently introduced, this variety has come rapidly into favor. Our stock has been carefully selected as a very superior pea. Pkt, 10c; pint, 20c; qt, 35c; 4 qts, \$1.75.

## The Delicious Squash

Color uniformly of a green shade. In size weighs between five and ten pounds. In thickness of flesh it surpasses nearly every variety, the color being a dark orange. For table use no squash compares with it in its remarkable combination of dryness and richness of flavor, fall and winter, excellent at all seasons, does not acquire its best quality until winter. When half grown it will be found to surpass in quality most varieties fully ripe. Pkt, 10c; 1 oz, 20c; 2 ozs, 35c; ¼ lb, 60c.

## New Pepper

**Chinese Giant.** Fruit giant size, mild in flavor, early; the largest of all, bright scarlet, strong and bushy; bears heavy. Pkt, 10c.

## NEW CHOICE AND RARE FLOWER SEEDS

### Hollyhocks, Annual Everblooming

**Double Mixed.** Blooming the first year from seed. Sown in March, plants commence blooming in July, attain a height of eight feet, branch freely and flower in profusion until frost. Flowers are double, ranging through all shades of white, yellow, black, carmine, red and purple. Price, pkt, 25c.

### Nasturtiums

**Giant Tom Thumb Nasturtiums** have been developed through years of careful hybridization, culture and selection under conditions thoroughly congenial to the highest development of this popular garden annual. Not only have the flowers increased wonderfully in size, often measuring 3 inches across, but a great variety of new and charming combinations of colors has been produced, while the brilliancy and velvety richness of the solid colored sorts have been greatly advanced. This mixture of Giant Flowering Tom Thumb Nasturtiums contains seed saved from the largest, most beautiful and varied collection. For summer flower-beds nothing can surpass them; the plants form moulds one foot high by one foot across, and are free with blossoms; are thrifty, luxuriant growers, of easiest culture. Mixed colors. Pkt, 10c.

**New Giant Climbing Hybrid Nasturtiums.** A new selection distinguished by dark foliage and flowers of a richness and variety of coloring not found in any of the different classes of Nasturtiums grown; have already produced 22 different colors or combinations of colors in these hybrids; various shades of rose, salmon, bright red, pale yellow, etc., either self colored or spotted, mottled, striped and margined. Their ease of culture and rapidity of luxuriant growth, 12 to 15 feet high, render them worthy of great popularity. Mixed colors. Pkt, 10c.

### Nicotiana Sanderae. (A.)

Where this Nicotiana was raised in England, exhibited last season, in every case has been spoken of as the most beautiful plant of the year. The originators describe it as forming bushy, branched plants two feet high, the whole plant literally ablaze with handsome carmine-red fragrant blossoms, thousands of which are produced on a single plant. It is as easy to grow as a Petunia. If started in-doors in early spring and planted out in May it gives a continuous display of blooms all summer and autumn. Can also be sown in the open ground when the weather becomes warm. Price, 15c per pkt.

**Mixed Colors.** New, 25c.

### New Giant Fancy Carnations

**Chebaud's Perpetual Flowering.** These latest and best creations of Mons. C. Chebaud, the famous French "Carnationist," surpass all the race in richness of coloring, the combinations of which are surprisingly beautiful. Heretofore this type of carnation only flowered once a year—15 to 18 months after sowing—but now we have fancy pinks, with all of the qualities of the old so-called Perpetual Carnation, flowering continuously after six months from sowing. Plants thickset and bushy, of regular height; stalks stiff and upright, bearing immense double blossoms of perfect regularity, some with fringed edges, some smooth, some with rich, solid colors, others tinted and blended, and others with featherings and picotee markings, and all perfuming the air with their sweetness; of merit for winter flowering and hardy enough for garden culture. Mixed colors, pkt, 25c.

**Superior Hardy Garden Carnation Seed.** This is a very fine strain particularly adapted to garden planting. Seed sown in the spring will produce large, thrifty clumps that will stand out over winter and bloom throughout the following summer and fall. All colors, shades and markings are represented in the mixture, and most of them will come double. Mixed colors, pkt, 10c.

### Pansy

**New Ruffled Giant Pansy.** The bloom is so large and full as to appear drawn to the stem, and has the appearance of being ruffled. It is five blotched, very large, giving a wide range of color; plant strong and bushy; blooms freely throughout the season. A remarkable new variety. Pkt, 25c.



### Prize Pansy

**Giant Pretiosa.** A very promising new pansy. The originator says of it: "It is a distinct sort of the noble class of the Giant Five-spotted Pansies. I have tried for several years to fix colors to come true from seeds. Of these trials Pretiosa is the first variety that I can offer in that way. The flowers are similar to those of Masterpiece Pansy; each petal is marked with a very large blotch of deep violet color, these blotches are surrounded by a brilliant crimson rose ground color, and the ground color is margined with a pure white edge. A very effective and bright variety, and I am sure that this novelty will please customers in every way." Pkt, 20c.

**ALLEN'S ASTERS** are up to date, varieties equal to the best in market.

**ALLEN'S PANSIES** include the latest improved and largest flowering varieties, separate color or mixed.

**ALLEN'S SWEET PEAS** equal the best improved large flowering in finest mixtures.

# CUT FLOWERS



Flowers in any form are packed in the best manner for transportation by express for a one to three days' journey, and will arrive in good condition at all seasons.

If undecided in your selection give an idea of what you want, and the amount you wish to pay, and we will select for you.

We grow and carry a large stock of the choice flowers in their season: Roses, Carnations, Hyacinths, Easter Lilies, Callas, Violets, Chrysanthemums, Daffodils, Freesias, Smilax, Palm Leaves, Asparagus, Lily of the Valley, Ferns, Galax, Ivy, and other varieties.

Designs, Letters, Cemetery Wreaths and Ribbons.

To secure immediate returns order by telephone, telegraph, or by special delivery letter. Letters are sometimes delayed, rendering uncertain the immediate filling of order.

All cut flower orders receive our personal attention, and details as to finish are carefully attended to.

## C. E. ALLEN.

### LAWN GRASS SEED.

Our Lawn Grass Seed will form a close, thick turf in a few weeks' time, with no tendency to stool or grow in clumps. It roots deeply and withstands severe drouths. Lawn Grass seed is composed of various grasses that grow and flourish during different months of the year, so that a rich, deep green velvety lawn is always maintained. Price, 1 qt 20c; pk, or 5 lbs, \$1. Requires 1 qt for plot 20x15 feet.



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## SEEDLINGS

READY IN MAY

PANSY.	35c to 50c per doz; \$2 per 100.
ASTERS.	In various colors of pink, white, crimson, and blue. 25c per doz; \$2 per 100.
PHLOX DRUMMONDII.	Choicest mixed colors. 25c per doz; \$1.50 per 100.
ZINNIA.	35c per doz.

BALSAMS. 30c per doz.

STOCKS. 35c per doz.

NASTURTIUMS, DWARF. From pots, 5c; 50c per doz.

NASTURTIUMS, TALL. From pots, 5c; 50c per doz.

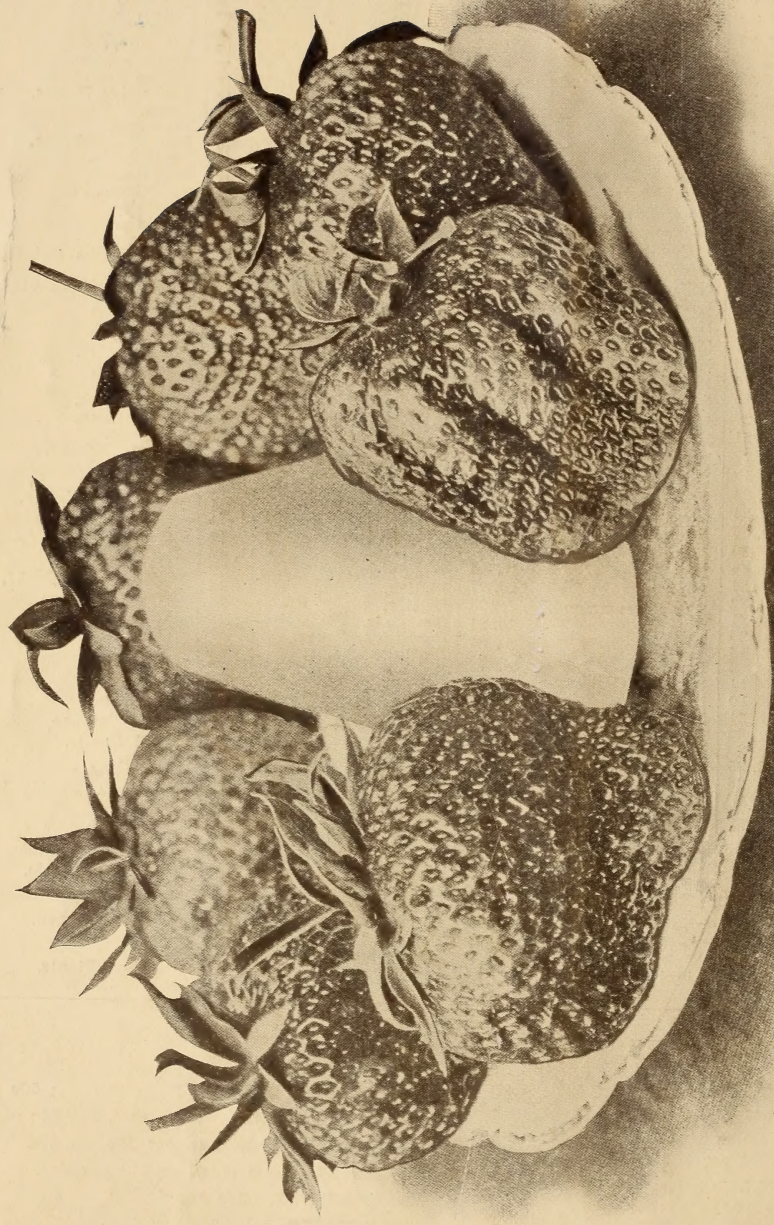
MIGNONETTE. From pots, 5c; 50c per doz.

CALLIOPSIS. From pots, 5c; 50c per doz.

FORGET-ME-NOT. 35c per doz.

DWARF MARIGOLD. 35c per doz.





WILLIAM BELT